

HA8000V シリーズ

Service Pack for HA8000V (SPH)

Version 6.70 14

Readme

2023年12月

1. はじめに

このたびは、日立アドバンスサーバ HA8000V シリーズをご利用いただき誠にありがとうございます。
ご使用になる前に、必ず本内容をご確認ください。

1.1 他社所有名称に対する表示

Microsoft および Windows Server は、米国 Microsoft Corporation の米国およびその他の国における登録商標または商標です。

Intel、インテル、Xeon は、アメリカ合衆国およびその他の国における Intel Corporation の商標です。

Linux は、Linus Torvalds 氏の日本およびその他の国における登録商標または商標です。

Red Hat は、米国およびその他の国で Red Hat, Inc. の登録商標もしくは商標です。

iLO は、Hewlett Packard Enterprise Development LP の商標です。

VMware は、米国およびその他の地域における VMware, Inc. の登録商標または商標です。

1.2 注意事項

- (1) 本書は改良のため、予告なしに変更することがあります。
- (2) Service Pack for HA8000V のご使用に当たっては、<CD ドライブ>¥EULA に格納された「エンドユーザー使用許諾契約書」をお読みください。
- (3) Service Pack for HA8000V に瑕疵が無いことを保証するものではありません。
- (4) Service Pack for HA8000V は、「3 適用機種及びOS」記載のプラットフォームでご使用いただけます。
- (5) 天災、人災、事故等で Service Pack for HA8000V 使用中に電源が切れまるとシステム装置が正常に動作しなくなることがありますので十分に気を付けてください。
- (6) お客様は、Service Pack for HA8000V 並びに本書の全部又は一部を単独で又は他の情報等と組み合わせ、直接又は間接に以下に該当する取扱いをする場合、「外国為替及び外交貿易」の規制及び米国輸出管理規制等外国の輸出関連法規を確認し、適正な手続きを行う必要があります。
 - 輸出するとき。
 - 海外へ持ち出すとき。
 - 非居住者へ提供し、又は使用させるとき。
 - 上記に定めるほか、「外国為替及び外国貿易法」又は外国の輸出関連法規に定めがあるとき。
- (7) マニュアル『HA8000V シリーズ 重要事項および読替ガイド』には、各種マニュアルをご覧いただく際、事前にご理解いただくべき内容を記載しています。こちらも含めてご参照ください。マニュアルは『[ドキュメントポータル](#)』の「マニュアル > サーバ」-「HA8000V シリーズ」より参照いただけます。

本ファイルに含まれている、いかなるファイルの内容の全部またはその一部を、無断で掲載またはコピーすることを固く禁じます。

1.3 変更履歴

発行日	変更内容
2022年11月	初版
2022年12月	4.1 (2) 更新、5.10.2 追記
2023年2月	4.1 (2) 更新
2023年12月	5.3 (7)追記、5.7.3 更新、その他誤記訂正

2. Service Pack for HA8000V (SPH)について

Service Pack for HA8000V(以降 SPH と呼びます)は、1 台または複数台の HA8000V サーバのファームウェア/システムソフトウェアの更新を簡素化するソリューションです。

SPH には、サーバ/コントローラ/ストレージのファームウェア/ドライバ/ユーティリティパッケージが含まれます。また、SPH に収録されている Smart Update Manager(以降 SUM と呼びます)は、更新されたファームウェアおよびシステムソフトウェアをデプロイする推奨ツールです。

SPH/SUM を使うことで、ファームウェアおよびシステムソフトウェアのオンラインアップデートが可能となります。アップデート操作を SUM に統合することにより、個々の HA8000V サーバのアップデートが迅速になり、システム全体のアップデート時間を短縮することができます。

SPH は定期的にリリースされます。最新版の SPH を使用して更新することを推奨します。

3. 適用機種及びOS

SPH のバージョン及び適用機種/適用 OS の組み合わせについては、「[Service Pack for HA8000V 補足資料 \(Readme\)](#)」の『サポートモデル/OS 一覧』を参照ください。

3.1 適用機種

- HA8000V/DL20 Gen10 (U43)
- HA8000V/DL20 Gen10 Plus (U60)
- HA8000V/DL360 Gen10 (U32)
- HA8000V/DL360 Gen10 Plus (U46)
- HA8000V/DL380 Gen10 (U30)
- HA8000V/DL380 Gen10 Plus (U46)
- HA8000V/DL580 Gen10 (U34)
- HA8000V/ML30 Gen10 (U44)
- HA8000V/ML30 Gen10 Plus (U61)
- HA8000V/ML350 Gen10 (U41)

3.2 適用 OS

- Microsoft® Windows Server® 2022
- Microsoft® Windows Server® 2019
- Red Hat® Enterprise Linux® Server 8.5
- VMware ESXi™ 7.0

4. 変更内容

本章では、今回のリリースの変更内容を記載しています。

4.1 新規サポート内容

(1) 追加サポート機種及びOS

- 追加サポート機種

なし

- 追加サポートOS

- Red Hat® Enterprise Linux® Server 8.5

(2) 追加サポートデバイス

- MLX MCX631102 10/25GbE 2p SFP28 Adptr

- MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr

- Broadcom NetXtreme-E BCM5750x adapters(BCM 57504 10/25GbE 4p SFP28 Adptr)

- Broadcom NetXtreme-E BCM5750x adapters(BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr)

(3) サポート除外機種及びOS

- サポート除外機種

なし

- サポート除外OS

- Red Hat® Enterprise Linux® Server 7.9

- Red Hat® Enterprise Linux® Server 7.8

- Red Hat® Enterprise Linux® Server 8.4

- Red Hat® Enterprise Linux® Server 8.3

- VMware ESXi™ 6.7

- VMware ESXi™ 6.5

4.2 更新内容

『6.3 パッケージの変更内容』を参照ください。

5. 注意事項

本章では、SPH をご使用になる上で、注意頂く内容を記載しています。

5.1 ドライバ・ユーティリティなどの適用について

最新のドライバ・ファームウェア・ユーティリティなどを、「[日立アドバンスドサーバ HA8000V シリーズ ホームページ](#)」で提供しております。

各アップデートプログラムの適用についてはお客様責任にて実施していただきますが、システム装置を安定してご使用いただくためにも、ホームページの[サポート]ー[ダウンロード] に定期的にアクセスして、最新のドライバ・ファームウェア・ユーティリティへ更新していただくことをお勧めします。

5.2 OS の新規・再セットアップの場合の注意事項

OS の新規・再セットアップの際、初回の SPH 適用では、ファームウェアコンポーネントを除外し、ドライバ/ユーティリティコンポーネントのインストールを先に実施してください。これにより、デバイスの検出及びファームウェアの書き込みに適切なドライバ/ユーティリティがインストールされます。ドライバ/ユーティリティのインストール後は、OS を再起動し、再度 SUM を実行してファームウェアの更新を行ってください。

SUM でファームウェアコンポーネントを除外し、ドライバ/ユーティリティコンポーネントのみのインストールを指定するには、次の手順により行います。

GUI の場合：

SUM を起動し、「展開サマリー(Deployment summary)」画面右上の[アクション(Actions)]-[アドバンスドオプション(Advanced Options)]から「アドバンスドオプション(Advanced Options)」画面を開き、「インストールオプション(Installation Options) “の項目で“ソフトウェアのアップグレード (Upgrade Software) “を選択し、“OK”ボタンを押してください。

CLI の場合：

"--softwareonly"パラメーターを使用してください。

例) # ./smartupdate --s --softwareonly

5.3 SUM によるアップデート時の注意事項

(1) ファームウェア/ドライバの依存関係について

アップデート対象のファームウェア/ドライバには依存関係を持つ場合があります。一度の SUM の実行では全て更新できない場合があります。このため、SUM アップデート後、全ての更新対象がアップデートされているかを確認してください。もし、アップデートされていないパッケージがある場合、再度 SUM を実行してください。全てアップデートされたかは、次の手順により確認できます。

GUI の場合：

SUM を起動し、「展開サマリー(Deployment summary)」画面にて、「推奨されたコンポーネント」数表示が、“0”となっていることを確認してください。

CLI の場合：

"--report"パラメーターを使用してレポート作成し、作成されたレポートを参照してください。レポート出力先は画面に表示されます。レポートを参照し、“Install Needed”の項目が、“0”となっていることを確認してください。

例) # ./smartupdate --report

(2) 適用バージョンについて

SUM を使用して更新作業を行う場合、適用対象として自動選択されるものは、新規にインストールされるもの、および SPH 収録バージョンが適用済みバージョンより新しいものとなります。

ネットワークアダプタ及びファイバーチャネルホストバスアダプタは、SPH 収録のドライバ/ファームウェア

アの組み合わせでご使用いただくことを推奨しています。適用済みバージョンが SPH 収録済みバージョンより新しい場合、該当コンポーネントが適用対象として自動選択されません。その場合、以下の手順で対象コンポーネントを手動で選択し、適用してください。

【手動適用方法】

SUM を起動し、「展開サマリー(Deployment summary)」画面で、「コンポーネントの選択状態」が「選択」表示(※)となっているコンポーネントを確認し、ネットワークアダプタファームウェアまたは、ファイバーチャネルホストバスアダプタのファームウェアの場合は、当該コンポーネントを選択(※)して、「展開(Deploy)」ボタンを押してください。

※：コンポーネントが選択されると、「コンポーネントの選択状態」が、「選択済み」もしくは「強制」と表示されます。

【注意】

デバイスによっては、適用バージョンに関して、個別にアドバイザリが発行されている場合があります。本ファームウェアの適用に当たっては、アドバイザリを参照してください。

(3) SUM の展開モードに関する補足説明

SUM にはいくつかのアップデート方法(展開モード)があります。展開モードにより、対象 OS/更新対象が異なりますので、以下の表を参照の上、展開モードを決定してください。

SUM 展開モード		展開対象 OS(※1)			更新対象	
		Windows	RHEL	VMware	ファームウェア	ソフトウェア (ドライバ, ユーティリティ等)
オンライン	ローカル	○	○	—	○	○
	リモート(※2) (OS を介した アップデート)	○	○	—	○	○
	リモート(※3) (iLO レポジトリ アップデート)	○	○	○	○	○
オフライン		○	○	○	○	—

※1：ゲスト OS は対象外。

※2：対象ノードにホスト OS の IP アドレスを指定した場合。

※3：対象ノードに iLO アドレスを指定した場合。対象ノードのホスト OS に iSUT 及び AMS のインストール・設定が必要

(4) SUM GUI での適用パッケージの選択について

SUM GUI を使用している場合、インベントリが完了すると展開(Deploy)するパッケージの確認画面が表示されます。

確認画面では、選択した SPH/ベースラインに含まれる更新パッケージのうち、対象装置に適用可能なパッケージが表示され、適用が推奨される(現在のバージョンより新しい)パッケージが展開対象として自動的に選択されます。(選択されたパッケージは、行背景が反転し「選択済み」()または「Selected」()ボタン表示となります。ボタンをクリックすると、選択が解除され「選択」()「Select」()ボタン表示となります。)

自動選択されなかったパッケージは、「強制」()または「Force」()ボタンをクリックすることで強制的に適用対象とすることができます。(強制適用を選択した場合、行背景が反転し「強制」()「Forced」()ボタンで表示されます。)

【注意】

ファームウェア/ドライバ/ユーティリティは、別途ご案内のない限り、最新のものをご使用いただくことを推奨しています。特に、強制適用を選択した場合、選択したバージョンが古いとダウングレードとなりますので、意図せずダウングレードしてしまうことが無いよう、操作には注意してください。

(5) Linux 環境における適用パッケージの OS ライブラリ依存について

Linux 環境で利用するパッケージには、特定の OS ライブラリを前提とするものがあります。そのパッケージを適用する際、前提とする OS ライブラリが事前にインストールされていない場合、インベントリ完了後、または展開(Deploy)完了後に依存関係エラーとなります。

エラーが発生する場合、以降記述の各エラー表示例をご参照頂き、依存ファイルとして表示されるファイル/ライブラリをインストール後、再度 SPH を適用して下さい。

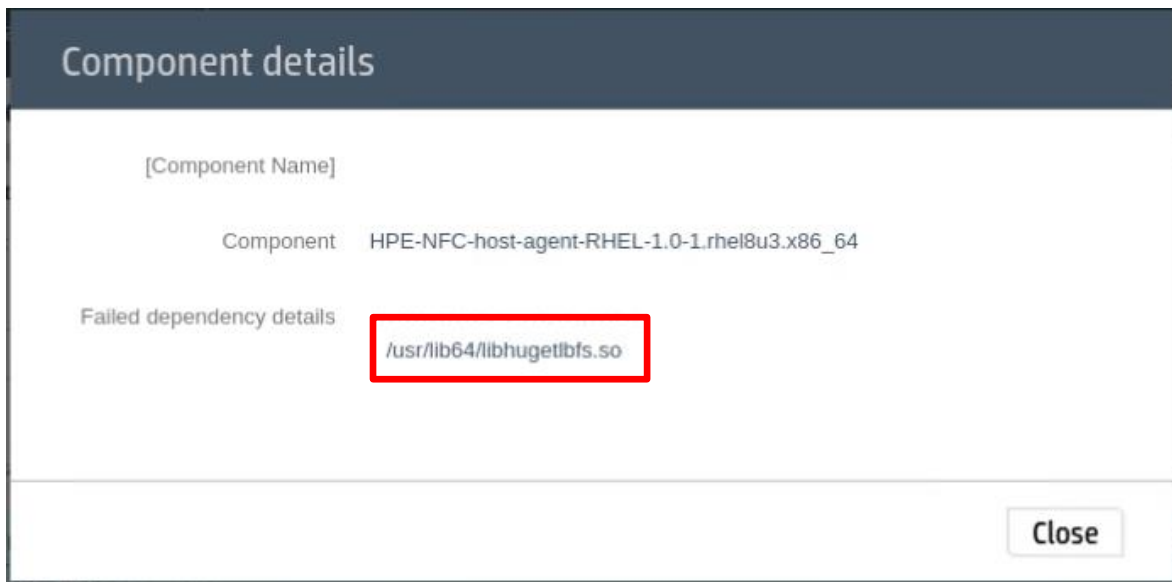
なお、依存する OS ライブラリは、依存関係解消後に新たな依存関係が発生する場合があります、その場合は依存関係エラーが解消するまで、SPH 適用を繰り返す必要があります。

【インベントリ完了後のエラー表示】

エラーが発生したパッケージは、赤丸(赤枠内)で表示されます。

<input checked="" type="checkbox"/>	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -7/8 (HPE-NFC-host-agent-RHEL-1.0-1.rhel8u3.x86_64)	<input checked="" type="checkbox"/>	Software	Recommended	1.0-1.rhel8u3	No
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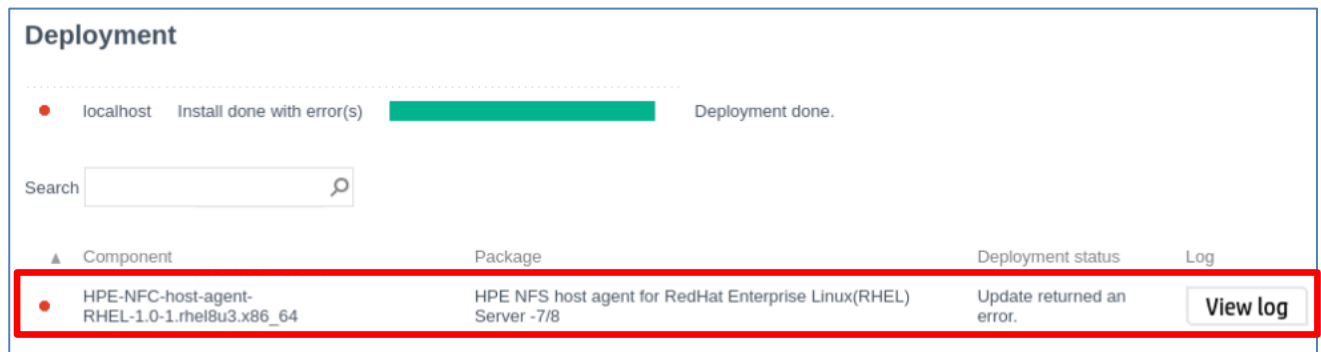
上記赤枠内の赤丸をダブルクリックすると次のダイアログが表示され、「Failed dependency details」として、インストールが必要となるファイル/ライブラリが表示されます。(赤枠内)



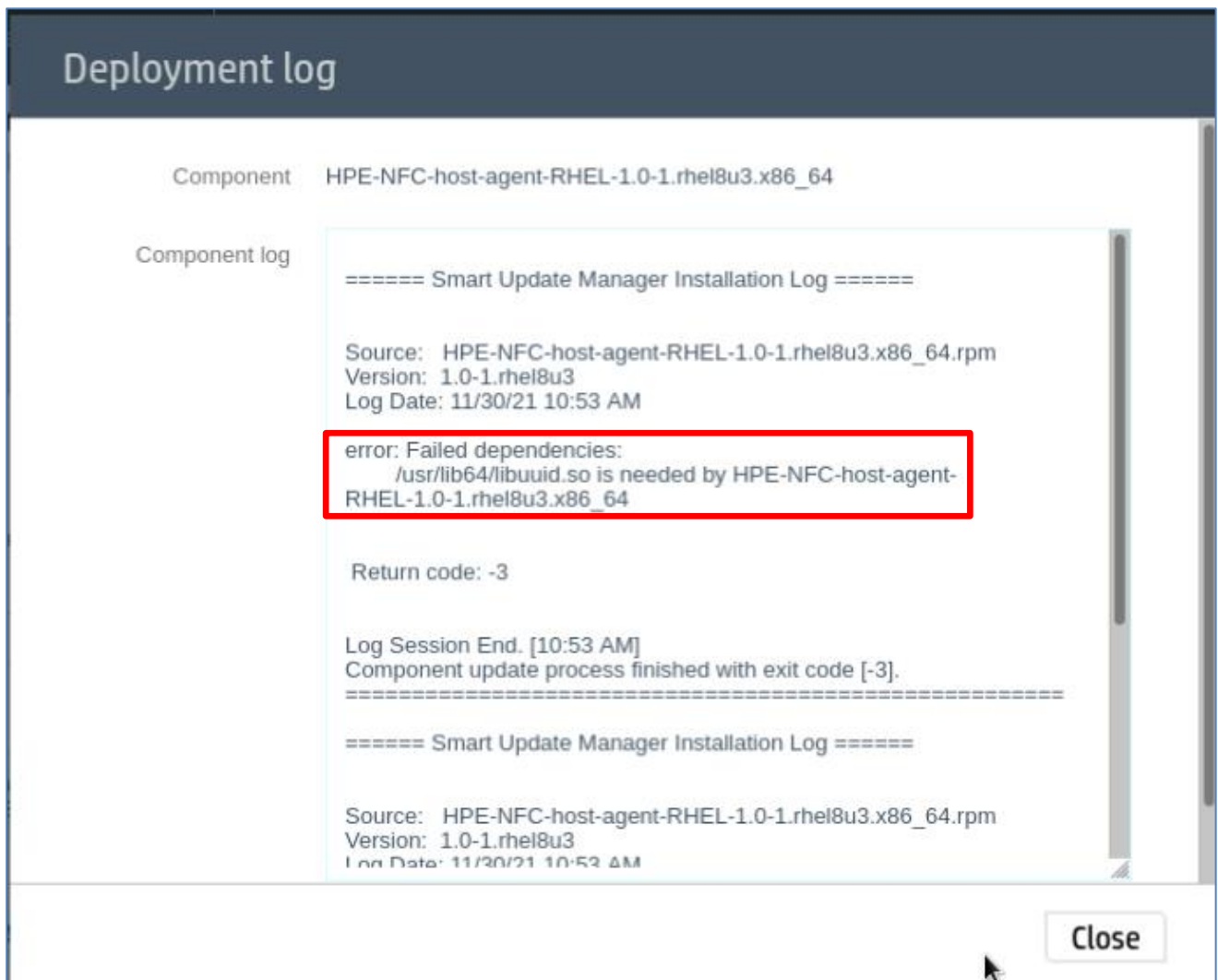
上記の例では、インストールが必要となるファイル/ライブラリとして、“libhugetlbfs.so”を示しています。

【展開(Deploy)完了後のエラー表示】

エラーが発生したパッケージは、赤丸(赤枠内)で表示されます。



上記赤枠内の“View log”をクリックすると次のダイアログが表示され、“error: Failed dependencies:”として、インストールが必要となるファイル/ライブラリが表示されます。(赤枠内)



上記の例では、インストールが必要となるファイル/ライブラリとして、“libuuid.so”を示しています。

(6) iLOレポジトリを利用したアップデートについて

コンポーネントの形式によって、iLOレポジトリを使用したiLO経由でコンポーネントが展開(Deploy)されます。iLOレポジトリにアップロードされたコンポーネントは、インストールキューに追加され順次展開されていきます。

この時、キューに追加された途中のコンポーネントで展開エラーが発生した場合、以降のコンポーネントは展開保留状態となります。その状態のコンポーネントがキューに存在すると、以降iLOレポジトリを利用したアップデートができません。

次に示すエラー状態を参照の上、上記状態と判断できる場合は、インストールキューに残っているコンポーネントをすべて削除し、再度SPHを適用してください。

【エラーが発生した場合のインストールキューの状態】

iLO WEB インタフェースの[ファームウェア & OS ソフトウェア]>[インストールキュー]ページを参照しま

す。

ファームウェアアップデート
直近のファームウェアのアップデートまたはアップロードする試みは成功しませんでした。有効な署名付きフラッシュファイルを使用していることを確認して、もう一度試してください。コンポーネントをインストールする場合は、まずそれをiLOレポジトリにアップロードしてから、それをインストールキューに追加してください。

ファームウェア & OSソフト... - インストールキ...

ファームウェア ソフトウェア メンテナンスウィンドウ iLOレポジトリ インストールセット

インストールキュー

iLO日付/時刻(UTC): 2021-12-01 13:09

状態	名前	開始	失効		
完了	Broadcom NetXtreme-E adapters 218.0.166.0	N/A	なし		
完了	HPE SR932i-p and SR416i-a Gen10 Plus Controllers 03.01.04.072	N/A	なし		
完了	Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-po...	N/A	なし		
例外	Mellanox Firmware Package(FWPKG) for HPE Ethernet 10/25Gb 2-...	N/A	なし		
保留	Mellanox Firmware Package(FWPKG) for HPE Ethernet 100Gb 1-po...	前のタスクの実行後	なし		

すべて削除

ファームウェアのアップデート

iLOレポジトリにアップロード

キューに追加

「例外」及び「保留」状態となっているパッケージが表示されている場合、「全て削除」ボタンをクリックして、キューに登録されたコンポーネントを削除してください。

(7) SUM 実行でのインベントリ失敗時の対応について

SUM は、アップデートに必要なデバイスならびにソフトウェア等の情報を iLO 経由で取得します。iLO の状態により、まれに情報取得できないことがあり、以下に示すようにインベントリに失敗します。

【インベントリ失敗時の表示例】

手順 1 インベントリ **手順 2** レジュー **手順 3** 展開

ベースラインおよびノードのインベントリ

▼ ベースラインのインベントリ

■ Service Pack for HA8000V ベースラインが正常に追加されました コンポーネント合計 332

▼ ローカルホストのインベントリ

● localhost ノードインベントリが失敗 **現在操作を実行できません。理由: iLOからRISデータをフェッチ中**

次へ **中止** **最初からやり直す** **再起動**

SUM を再実行しても本エラーが解消されない場合は、下記のいずれかの手順を実施してください。

- (1) iLO の再起動（リセット）を実施してください。詳細は『iLO 5 x.xx ユーザーガイド』（※）の「iLO の再起動（リセット）」を参照してください。『iLO 5 x.xx ユーザーガイド』は、「[日立アドバンスドサーバ HA8000V シリーズ ホームページ](#)」に掲載されている「製品マニュアル」よりダウンロードしてください。
- (2) オンラインアップデート(OS 稼働中のアップデート)の場合、装置の再起動を実施してください。
- (3) 装置の給電を停止(電源ケーブルの抜去や UPS の出力停止等)後、10 秒待った後に給電を再開してください。

※x.xx の部分にはバージョンが入ります。

5.4 SUM でのランゲージパックバージョン表示と適用について

SUM(Smart Update Manager)で表示される、適用中のランゲージパックのバージョンが正しく表示されない場合があります。正しいバージョンを確認するためには、iLO WEB インタフェースの[管理]>[言語]ページより現在適用中の言語パックのバージョンをご確認下さい。

また、この結果、SUM でランゲージパックが適用対象として正しく選択されない可能性があります。

目的のバージョンのランゲージパックが適用されていないのに、SUM 実行後の「展開サマリー」画面で、ランゲージパックが適用対象として選択されない場合があります。この場合は、ランゲージパックを手動で選択し展開を実施してください。

目的のバージョンのランゲージパックが適用済みであっても、SUM 実行後の「展開サマリー」画面で、ランゲージパックが適用対象として自動的に選択されている場合があります。この場合は、ランゲージパックの適用は不要ですので、選択を解除してから展開を実施してください。

5.5 SUM での iLO を使用したランゲージパック適用に関する制限事項

SUM で対象ノードとして、システム装置の iLO を追加(ノードの IP アドレスに iLO の IP アドレスを指定、ノードタイプに iLO を選択)した場合、ランゲージパックが対象に含まれず更新されません。ランゲージパックは別途下記方法にて更新ください。

- SUM をローカルホスト上で実行(※)
- SUM で対象ノードとしてシステム装置の OS の IP アドレスを指定して実行(※)
- iLO WEB インタフェースを使用して実行

※：対象ノードが VMware の場合は使用不可

【iLO WEB インタフェースからの更手順】

- (1) 以下の手順で、事前に SPH package ファイルからランゲージパックファイルを取り出してください。

Windows 上で、SPH の packages ディレクトリ下にある、『6.2.10 Firmware - Lights-Out Management』の「Language Pack - Japanese」に掲載されている”cp*****.exe”を実行してください。パッケージセットアップが起動するので「解凍」を選択し、任意のディレクトリにパッケージを展開してください。展開したディレクトリから、”lang_ja_***.lpk”を取り出してください。

- (2) 装置のシャットダウンを行ってください。
- (3) iLO WEB インタフェースの「ファームウェア & OS ソフトウェア」タブを開いてください。
- (4) 「ファームウェアアップデート」をクリックし、「ローカルバイナリファイル」に先ほど取り出したランゲージパックファイルを指定し、「フラッシュ」を選択してください。
- (5) 2〜3 分後に完了のメッセージが表示されます。その後 iLO が自動的に再起動します。

5.6 ASR(Automatic Server Recovery)について

ASR(Automatic Server Recovery)はブルースクリーン等の致命的な OS のエラーが発生したときに自動的にシステムの復旧をするべくサーバの再起動をおこなう機能です。IP(version 3.10 以降)を使った OS のインストール又は SPH(version 3.00 以降)の適用、その他の方法による ASR ドライバのインストールにより ASR が自動的に有効になります。ASR が不要な場合や Alive Monitor、IPMI WDT 等の他の OS 死活監視を使う場合は ASR を無効化してください。

5.6.1 ASR 操作の PowerShell スクリプトの入手について

ASR の有効/無効の確認並びに切り替えは ASR ドライバのパッケージに同梱されている PowerShell スクリプトを使って行います。以下を参照して PowerShell スクリプトを入手してください。

(1) ASR ドライバのパッケージを展開します

SPH の packages ディレクトリ下にあるファイル群の中から、下表の各 OS バージョンに対応した『6.2.8 Driver - System Management』の「Package filename」欄記載のファイルを実行してください。パッケージセットアップが起動するので解凍を選択し、任意のディレクトリにパッケージを展開してください。

No.	Windows バージョン	Description
1	Windows Server 2019	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2016 and 2019
23	Windows Server 2022	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2022

(2) PowerShell スクリプトを確認してください

展開したパッケージの中の scripts ディレクトリ下に下記の 3 つの PowerShell スクリプトが含まれている事を確認してください。必要に応じて任意のディレクトリにコピーしてください。

Get-AsrSettings.ps1

Set-AsrPreTimeoutNMI.ps1

Set-AsrTimeout.ps1

5.6.2 ASR の確認方法

Windows の PowerShell より Get-AsrSettings.ps1 を実行してください。TimeoutInMinutes が 0 又は、コマンドの実行がエラーとなった場合 ASR は無効になっています。

実行例その 1(TimeoutInMinutes が 0 の場合)

```
PS C:\Users\Administrator\Desktop> .\Get-AsrSettings.ps1
Active           : True
EnablePreTimeoutNMI : True
InstanceName     : PCI\VEN_103C&DEV_3306&SUBSYS_00E41590&REV_07\4&154b2d14&0&00E4_0
TimeoutInMinutes : 0
PSComputerName   :
```

実行例その 2(コマンドの実行がエラーとなる場合)

```
PS C:\Users\Administrator\Desktop> .\Get-AsrSettings.ps1
Get-CimInstance : 無効なクラスです
発生場所 C:\Users\Administrator\Desktop\Get-AsrTimeout.ps1:25 文字:1
+ Get-CimInstance -Namespace "root\wmi" -ClassName "HP_iLO_ASR_Settings ...
+ ~~~~~
+ CategoryInfo          : MetadataError: (root\wmi:HP_iLO_ASR_Settings:String) [Get-CimInstance], CimException
+ FullyQualifiedErrorId : HRESULT 0x80041010,Microsoft.Management.Infrastructure.CimCmdlets.GetCimInstanceCommand
```

5.6.3 ASR の無効化方法

Windows の PowerShell より以下のオプションで Set-AsrTimeout.ps1 を実行してください。

```
Set-AsrTimeout.ps1 -Disable
```

実行例

```
PS C:\Users\Administrator\Desktop> .\Set-AsrTimeout.ps1 -Disable
```

5.6.4 ASR の有効化方法

Windows の PowerShell より以下のオプションで Set-AsrTimeout.ps1 を実行してください。

```
Set-AsrTimeout.ps1 -Default
```

実行例

```
PS C:\Users\Administrator\Desktop> .\Set-AsrTimeout.ps1 -Default
```

5.7 VMware をご使用にあたっての注意事項

5.7.1 ファームウェアの適用について

システム装置を安定してご使用いただくためには、ご使用の VMware バージョンに合わせたファームウェアを適用頂く必要があります。

VMware 環境でのファームウェアの適用にあたっては、SUM のリモートオンライン 展開モード及びオフライン 展開モードが利用できます。(VMware バージョンと利用可能な SPH 及び展開モードについては、[「Service Pack for HA8000V 補足資料\(Readme\)」](#)の『サポートモデル/OS 一覧』を参照ください。)

【リモートオンライン 展開モードを使用する場合】

本モードでは、ファームウェアに加えてドライバのアップデートも可能です。

事前に「iSUT」のインストール及び ESXi ホストに対する設定が必要です。

「iSUT」が未インストールの場合、『5.7.2 iSUT のインストール』記載の手順に従ってインストールしてください。ESXi ホストに対しては、以下の設定をアップデート作業前に実施して下さい。

- (1) ファームウェア/ドライバのアップデート作業を行う間は、ESXi ホストをメンテナンスモードに設定してください。
- (2) ESXi ホストをノードとして追加する場合、対象ノードとしてシステム装置の iLO を追加(ノードの IP アドレスに iLO の IP アドレスを指定、ノードタイプに iLO を選択)してください。
- (3) ファームウェア/ドライバのアップデートを有効化するためには VMware ESXi の再起動が必要です。アップデート後自動的に再起動させる場合は、再起動オプションを使用してください。

【オフライン 展開モードを使用する場合】

SPH の iso イメージを格納した媒体をサーバに取り付け、媒体よりサーバをブートします。

なお、各 VMware バージョンと SPH サポート情報の詳細は、「[日立アドバンスドサーバ HA8000V シリーズ ホームページ](#)」の[製品]ー[OS、ISV 情報]にある『VMware』に掲載している注意事項をご参照の上、推奨ドライババージョンをご確認ください。

5.7.2 iSUT のインストール

VMware システムに対して、SPH/SUM を使用しファームウェア/ドライバのアップデートを行うには、ESXi ホストに iSUT をインストールする必要があります。iSUT インストール後は、リモート PC から SUM の『リモートオンライン』展開モードを使用して ESXi ホストのファームウェア/ドライバのアップデートを行うことができます。

ESXi ホストに iSUT をインストールする手順を次に示します。次のインストール手順では、データストア名を「datastore1」としています。使用環境にあわせて読み換えてください。

- (1) iSUT は SPH の packages ディレクトリに収録されています。下表に示す zip ファイルを展開し、iSUT のオフラインバンドル(zip ファイル)を取り出してください。

No.	VMware バージョン	SPH package ファイル名	オフラインバンドルファイル名
1	VMware ESXi™ 7.0	cp049609.zip	sutComponent_701.3.0.0.13-*.zip

- (2) 取り出した iSUT のオフラインバンドルを VMware ESXi の「datastore1」直下へに転送してください。
- (3) VMware ESXi のコンソール画面で「F2」キーを押すと Login 画面が表示されるので、root ユーザーでログインします。
- (4) 「System Customization」画面が表示されるので、「Troubleshooting Options」を選択し、「Enter」キーを押下します。
- (5) 「Enable ESXi Shell」を選択し、「Enter」キーを押下して ESXi Shell を “Enable” に変更します。

(6) 「Alt」 + 「F1」 キーを押下し、VMware ESXi の Shell 画面を開き、root ユーザーでログインします。

(7) 次のコマンドを実行しインストールします。

```
esxcli software vib install -d /vmfs/volumes/datastore1/<転送したバンドルファイル名>
```

(8) VMware ESXi を再起動してください。

(9) 再起動後、再度 VMware ESXi の Shell 画面を開き、root ユーザーでログインします。

(10) 次のコマンドを実行し、iSUT を AutoDeployReboot モードに設定します。

```
sut -set mode=autodeployreboot
```

(11) 作業終了後、OnDemand モードに変更します。iSUT を AutoDeployReboot モードに設定すると、iSUT が常駐し常時稼働し続けます。アップデート作業時以外は iSUT の稼働は不要ですので、常駐解除することを推奨します。iSUT を OnDemand モードに設定するには、次のコマンドを実行してください。

```
sut -set mode=ondemand
```

5.7.3 iLO セキュリティ設定を“高セキュリティ”にした装置で iSUT を使用する場合について

(1) iLO の認証情報設定

iLO を“高セキュリティ”設定にした状態で iSUT を使うためには、以下のいずれかの設定が必要です。

① iSUT への認証情報設定

② iLO のセキュリティ条件の変更(iLO FW v1.4.0 以降のみ設定可能)

① iSUT への認証情報設定

iSUT に iLO の認証情報を設定します。設定方法は、VM ホスト上で以下を実行します。

```
sut -set ilouusername=<username>
```

```
Please provide the iLO password: <*****>
```

【注意】

認証情報の設定は、iSUT が OnDemand モードの状態で行ってください。AutoDeployReboot モードで設定した場合、認証情報が有効にならない場合があります。

② iLO のセキュリティ条件の変更

iLO で“ホスト認証が必要”を「無効」に設定します。

iLO の Web 画面で[セキュリティ]-[アクセス設定]と画面遷移し、iLO の項目にある「ホスト認証が必要」の設定を「無効」に設定してください。

(2) iSUT の設定確認・変更

VM ホスト上で “sut -status” を実行し、iSUT の設定が “EnableILOQueuedUpdates=true” となっていることを確認してください。“false”の場合は、VM ホスト上で以下を実行してください。

```
sut -set enableiloqueuedupdates=true
```


5.7.4 ドライバパラメータ再設定について

本 SPH を使用して VMware ドライバをアップデートした場合、ネイティブ ドライバが適用されます。ご使用の VMware 環境で VMKLinux ドライバをご使用の場合、ドライバが変更され、設定されているドライバパラメータが初期化されます。この問題を回避するために、ドライバアップデート後、ドライバパラメータを再設定してください。

【対象製品及びドライバ種】

下表に記載している対象製品並びにアップデート前のドライバ種をご使用の場合が対象となります。

対象製品		ドライバ種	
形名(*1)	製品名(旧品名)	アップデート前 (VMKLinux)	アップデート後 (ネイティブ)
TQ-N□□-817745-B21	Ethernet 10Gb 2-port FLR-T X550-AT2 Adapter(Ethernet 10Gb 2 ポート 562FLR-T ネットワークアダプタ)	net-ixgbe	ixgben
TQ-N□□-817738-B21	Ethernet 10Gb 2-port BASE-T X550-AT2 Adapter(Ethernet 10Gb 2 ポート 562T ネットワークアダプタ)		
TQ-N□□-665240-B21	Ethernet 1Gb 4-port FLR-T I350-T4V2 Adapter(Ethernet 1Gb 4 ポート 366FLR ネットワークアダプタ)	igb	igbn
TQ-N□□-652497-B21	Ethernet 1Gb 2-port BASE-T I350-T2V2 Adapter(Ethernet 1Gb 2 ポート 361T ネットワークアダプタ)		
TQ-N□□-811546-B21	Ethernet 1Gb 4-port BASE-T I350-T4V2 Adapter(Ethernet 1Gb 4 ポート 366T ネットワークアダプタ)		
TQ-N□□-727054-B21	Ethernet 10Gb 2-port FLR-SFP+ X710-DA2 Adapter(Ethernet 10Gb 2 ポート 562FLR-SFP+ネットワークアダプタ)	i40e	i40en
TQ-N□□-727055-B21	Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter(Ethernet 10Gb 2 ポート 562SFP+ネットワークアダプタ)		

(*1)：□には製品構成などにより異なった英数字が入ります。

【再設定手順】

(1) ドライバパラメータの確認及び記録

ドライバのアップデート前に、以下コマンドを実行し、ドライバパラメータ値を控えてください。

```
esxcfg-module -g <driver name>
```

<driver name>：アップデート前ドライバ種

以下実行例の「option = 'yyyy'」の「yyyy」に設定値が表示されますので、値を控えてください。値が表示されない場合は、ドライバパラメータは未設定ですので、以降の作業は不要です。

(実行例) net-ixgbe の場合

```
# esxcfg-module -g net-ixgbe
net-ixgbe enabled = 1 options = 'yyyy'
```

また、以下の表示となる場合、net-ixgbe ドライバは未使用ですので、以降の作業は不要です。

(実行例) net-ixgbe の場合

```
# esxcfg-module -g net-ixgbe
Unknown module name net-ixgbe
```

(2) ドライバパラメータの再設定

ドライバのアップデート前に、以下コマンドを実行し、『(1)ドライバパラメータの確認及び記録』で控えたドライバパラメータを再設定して下さい。

```
esxcfg-module -s "yyyy" <driver name>
yyyy : 控えたドライバパラメータ
<driver name> : アップデート前ドライバ種
```

以下実行例の「option = 'yyyy'」に控えたドライバパラメータを指定します。

(実行例) ixgben の場合

```
# esxcfg-module -s "yyyy" ixgben
```

(3) VMware ESXi の再起動

変更を有効にするため、VMware ESXi を再起動してください。

5.7.5 QLogic 製ファイバーチャネルホストバスアダプタご使用にあたっての注意事項

VMware 環境において、QLogic 製ファイバーチャネルホストバスアダプタの特定のドライバパラメータを設定している状態で SPH に収録されているドライバにアップデートすると、アダプタが認識できなくなります。

特に、SAN ブートパスに使用しているアダプタで本現象が発生した場合、OS が起動できなくなり、回復にはバックアップからのリストアが必要となります。本 SPH を用いたドライバのアップデート前に、予めパラメータ変更を行ってからドライバをアップデートしてください。

なお、デフォルトではパラメータは設定されておらず、本現象は発生しません。

パラメータ変更方法等、詳細は「日立アドバンスサーバ HA8000V シリーズ」の「製品に関する重要なお知らせ」掲載の「VMware 環境において QLogic 製ファイバーチャネルホストバスアダプタのドライバをアップデート後アダプタが認識できなくなる現象について(管理番号：CRI-2020-0005)」を参照してください。

5.7.6 リモートオンライン 展開モードをご使用時の注意事項

本モードをご使用の際は、iLO が Agentless Management Service(AMS)に接続している必要があります。iLO が AMS に接続していない場合、適用可能なコンポーネントにソフトウェア/ドライバパッケージが追加されません。

iLO と AMS の接続状態を確認するには、iLO WEB インタフェースの[システム情報]>[概要]ページを開き、サブシステムおよびデバイスの Agentless Management Service のステータスを確認して下さい。

【iLO が AMS に接続している場合】

↑サブシステムおよびデバイス	ステータス
Agentless Management Service	✔ OK

【iLO が AMS に接続していない場合】

↑サブシステムおよびデバイス	ステータス
Agentless Management Service	① 利用不可能

iLO が AMS に接続していない場合、以下の手順を実施し、再度 iLO と AMS の接続状態を確認して下さい。

- 装置電源 OFF(ESXi ホストシャットダウン)
- 装置電源ケーブルの抜き差し
- 装置電源 ON(ESXi ホスト起動)

5.8 SUM オフライン展開モードご使用時の注意事項

SUM オフライン展開モードでは Secure Boot をサポートしておりません。Secure Boot 設定は Disabled に設定の上ご使用ください。

SPH の ISO イメージを、iLO 仮想メディアデバイスにマウントして SUM のオフライン展開モードご使用の場合、iLO の『ネットワークインターフェイス設定』が『共有ネットワークポート』構成となっていると、SUM の起動途中でエラーになることがあります。

iLO の『ネットワークインターフェイス設定』を『共有ネットワークポート』構成でご使用の場合、ISO イメージを書き込んだ媒体をご用意いただき、内蔵もしくは USB 接続の DVD ドライブを使用して SUM のオフライン展開モードを起動してください。

【注意】

DL20/ML30 では、iLO の『ネットワークインターフェイス設定』のデフォルト設定が『共有ネットワークポート』となっています。SUM オフライン展開モードご使用時は、SPH ISO イメージを書き込んだ媒体から起動してください。

5.9 Intel 製ネットワークアダプタご使用について

Intel 製ネットワークアダプタをご使用になる場合、下記の制限事項があります。

5.9.1 Intel 製ネットワークアダプタのファームウェアアップデートについて

Intel 製ネットワークアダプタのファームウェアアップデートを行う場合、ファームウェアアップデート後に再起動を行っても、サブ電源で動作する機能は動作し続けているため、アップデートが完全には反映されません。

アップデート後に電源ケーブルを抜いて電源を 5 秒以上切断してから、電源ケーブルを差しなおし電源を入れなおしてください。電源ケーブルを抜き差しする必要があるため、リモートでは実施できません。

本制限事項の最新の状況並びに具体的な対象アダプタの情報については、アドバイザリ：「特定のネットワークアダプタについてファームウェアアップデート後に電源ケーブルの抜き差しが必要になる」(ADV-2019-0019)を参照してください。

5.9.2 Intel 製ネットワークアダプタのファームウェアダウングレードについて

Intel 製ネットワークアダプタをご使用になる場合、下表記載の SPH に収録されているファームウェアバージョンは、ダウングレードには対応しておりません。

形名(*1) or 搭載システム装置	製品名(旧品名)	Device
TQ-N□□-817745-B21	Ethernet 10Gb 2-port FLR-T X550-AT2 Adapter(Ethernet 10Gb 2 ポート 562FLR-T ネットワークアダプタ)	HPE Ethernet 10Gb 2-port 562FLR-T Adapte
TQ-N□□-817738-B21	Ethernet 10Gb 2-port BASE-T X550-AT2 Adapter(Ethernet 10Gb 2 ポート 562T ネットワークアダプタ)	HPE Ethernet 10Gb 2-port 562T Adapter
TQ-N□□-727054-B21	Ethernet 10Gb 2-port FLR-SFP+ X710-DA2 Adapter(Ethernet 10Gb 2 ポート 562FLR-SFP+ネットワークアダプタ)	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
TQ-N□□-727055-B21	Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter(Ethernet 10Gb 2 ポート 562SFP+ネットワークアダプタ)	HPE Ethernet 10Gb 2-port 562SFP+ Adapter
HA8000V / ML350 Gen10 オンボード NIC	Ethernet 1Gb 4-port 369i ネットワークアダプタ	HPE Ethernet 1Gb 4-port 369i Adapter
TQ-N□□-P28778-B21	INT X710 10GbE 2p SFP+ OCP3 Adptr	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2
TQ-N□□-P28787-B21	X710 10Gb 2p SFP+ Adptr	AdapterHPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

(*1)：□には製品構成などにより異なった英数字が入ります。

5.10 Gen10 Plus RAID コントローラ環境での OS セットアップの注意事項

5.10.1 ドライバの適用について

下表記載の Gen10 Plus RAID コントローラご利用環境で、Windows または RHEL の新規・再セットアップの

際には、SPH を適用する前に SPH に収録された「6.2.6 Driver - Storage Controller」記載の各 OS に対応した Gen10 Plus RAID コントローラドライバを適用してください。

ドライバの適用方法は、「HA8000V Gen10 Plus 重要事項および読替ガイド」の[システム装置のセットアップ]-[OS のインストール]を参照して下さい。

形名(*1)	製品名	device
TQ-R□□-P04220-B21	SR932i-p Gen10 Plus コントローラ	Microchip SR932i-p Cntrl for HPE Gen10+
TQ-R□□-P12688-B21	SR416-a Gen10 Plus コントローラ	Microchip SR416i-a Cntrl for HPE Gen10+
TQ-R□□-P26279-B21	MR416i-a Gen10 Plus コントローラ	Broadcom MR416i-a Cntrl for HPE Gen10+
TQ-R□□-P06367-B21	MR416-p Gen10 Plus コントローラ	Broadcom MR416i-p Cntrl for HPE Gen10+
TQ-R□□-P26325-B21	MR216i-a Gen10 Plus コントローラ	Broadcom MR216i-a Cntrl for HPE Gen10+
TQ-R□□-P26324-B21	MR216-p Gen10 Plus コントローラ	Broadcom MR216i-p Cntrl for HPE Gen10+

(*1) : □には製品構成などにより異なった英数字が入ります。

5.10.2 ユーティリティの適用について

HA8000V/ML30 Gen10 Plus と下表記載の MR Gen10 Plus コントローラご利用環境で、Windows または RHEL の新規・再セットアップの際には、SPH を適用する前に SPH に収録された「6.2.21 Software - Storage Controller」及び「6.2.23 Software - System Management」記載の各 OS に対応した MR Gen10 Plus コントローラの下記管理ユーティリティを適用してください。

- HPE MegaRAID Storage Administrator (HPE MRSA) for <OS 名>
- HPE MegaRAID Storage Administrator StorCLI for <OS 名>

管理ユーティリティの適用方法は、「HA8000V Gen10 Plus 重要事項および読替ガイド」の「システム装置のセットアップ」-「OS インストール後のセットアップ」-「MegaRAID の管理ユーティリティについて」を参照してください。

形名(*1)	製品名	device
TQ-R□□-P06367-B21	MR416i-p Gen10 Plus コントローラ	Broadcom MR416i-p Cntrl for HPE Gen10+
TQ-R□□-P26324-B21	MR216i-p Gen10 Plus コントローラ	Broadcom MR216i-p Cntrl for HPE Gen10+

(*1) : □には製品構成などにより異なった英数字が入ります。

5.11 Integrated Lights-Out 5 Firmware バージョンアップについて

本 SPH に収録している Integrated Lights-Out 5 Firmware(iLO)のオンライン適用において、ご利用環境の iLO バージョンが 1.40 未満の場合、バージョン 1.48 にアップデートした後、SPH を適用する必要があります。

iLO バージョン 1.48 へのアップデートについては、ダウンロードサイトよりご利用環境の OS に対応したユーティリティをダウンロードいただき、案内されている手順に従ってアップデートしてください。

6. SPH収録コンテンツ一覧

SPH の iso イメージに含まれるドライバ、ファームウェア、ユーティリティ(ソフトウェア)を示します。SPH には、適用方法により下記の2種のコンテンツを含んでいます。

- OS セットアップ後、お客様自身で個別に適用頂くもの
- Smart Update Manager(SUM)を使って適用可能なもの

以降、それぞれのコンテンツについて説明します。

6.1 お客様により適用が必要なコンテンツ

次表に示すファイルは、SPH に含まれる SUM ツールでの適用対象ではありません。Windows Server OS の新規・再セットアップ(プレインストールセット除く)の場合は、SPH 適用後に各ツールを実行してください。

No.	ツール	説明	iso 内格納場所	備考
1	IT Report Utility (ITRU)	サーバの構成情報、および障害の情報を採取します	¥software¥Hitachi¥ITRU	
2	2PRxDur settings	(レジストリ設定)ネットワークアダプタに関する設定を実施します	¥software¥Hitachi¥RegTool	Broadcom 製 1Gb LAN アダプタ搭載構成のみ対象
3	LargeRxRing settings	(レジストリ設定)ネットワークアダプタに関する設定を実施します	¥software¥Hitachi¥RegTool	

【Broadcom 製 1Gb LAN アダプタ】(旧品名)

- オンボード LAN[Ethernet 1Gb 4-port 331i Adapter]
- オンボード LAN[Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE]
- Ethernet 1Gb 4-port FLR-T BCM5719 Adapter(HP Ethernet 1Gb 4-port 331FLR Adapter)
- Ethernet 1Gb 4-port BASE-T BCM5719 Adapter(HP Ethernet 1Gb 4-port 331T Adapter)
- Ethernet 1Gb 2-port BASE-T BCM5720 Adapter(HP Ethernet 1Gb 2-port 332T Adapter)
- BCM 5719 1Gb 4p BASE-T Adptr
- BCM 5719 1Gb 4p BASE-T OCP Adptr

(1) ITRU のインストール

ITRU をインストールするには、Administrator 権限にて DOS プロンプトより下記のバッチファイルを実行してください。

```
<CD ドライブ>:¥software¥Hitachi¥ITRU¥setup.bat
```

なお、ITRU のインストールに関する詳細情報は次の WEB ページ

https://www.hitachi.co.jp/cgi-bin/soft/sjst/select_open.cgi

に掲載されている Windows 版 ITRU 取扱説明書の 3 章をご確認願います。

(2) ネットワークアダプタ レジストリ設定の適用

ネットワークアダプタ レジストリ設定を適用するためには、Administrator 権限にて DOS プロンプトより下記のバッチファイルを実行してください。

```
<CD ドライブ>:¥software¥Hitachi¥RegTool¥2PRxDur.bat
```

```
<CD ドライブ>:¥software¥Hitachi¥RegTool¥LargeRxRing.bat
```

ツール実行後、OS を再起動してください。

6.2 SUM ツールで適用可能なファイル

次に示すドライバ/ファームウェア/ユーティリティ(ソフトウェア)は、SUM ツールにより適用可能なファイルです。(表中の"x"表記は、本ドキュメントリリース時点で未サポートであることを示します。)

SUM の GUI モードで使用する場合、OS 別の実行するコマンドを下記に示します。(管理者権限で実行してください。)

Windows 環境：

```
.\%launch_sum.bat
```

Linux 環境：

```
./launch_sum.sh
```

この時、ログイン画面が表示された場合には、SUM 起動時にご使用の(ログインしていた)OS ユーザ名/パスワードを入力してください。

なお、SUM の詳細な操作方法は、「[日立アドバンスドサーバ HA8000V シリーズ ホームページ](#)」に掲載されている『Smart Update Manager ユーザーガイド』を参照ください。

Category 一覧

- [Application - System Management](#)
- [BIOS - System ROM](#)
- [Driver - Chipset](#)
- [Driver - Network](#)
- [Driver - Storage](#)
- [Driver - Storage Controller](#)
- [Driver - Storage Fibre Channel and Fibre Channel over Ethernet](#)
- [Driver - System Management](#)
- [Driver - Video](#)
- [Firmware - Lights-Out Management](#)
- [Firmware - Network](#)
- [Firmware - PCIe NVMe Storage Disk](#)
- [Firmware - Power Management](#)
- [Firmware - SAS Storage Disk](#)
- [Firmware - SATA Storage Disk](#)
- [Firmware - Storage Controller](#)
- [Firmware - Storage Fibre Channel](#)
- [Firmware - System](#)
- [Software - Lights-Out Management](#)
- [Software - Management](#)
- [Software - Storage Controller](#)
- [Software - Storage Fibre Channel](#)
- [Software - System Management](#)

- [Utility - Tools](#)

6.2.1 Application - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1	Integrated Smart Update Tools 3.0.0 for ESXi 7.0	cp049609.zip	-	2022.08.00	701.3.0.0.13-10EM.701.0.0.16850804	更新
2	Integrated Smart Update Tools for Linux x64	sut-3.0.0-18.linux.x86_64.rpm	-	3.0.0.0	3.0.0-18.linux	更新
3	Integrated Smart Update Tools for Windows x64	cp049604.exe	-	3.0.0.0	3.0.0.0	更新

6.2.2 BIOS - System ROM

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
4	Online ROM Flash Component for Linux - System ROM U30	firmware-system-oem-u30-2.68_2022_07_14-1.1.x86_64.rpm	System BIOS - U30	2.68_07-14-2022	v2.68 (07/14/2022)	更新
5	Online ROM Flash Component for Linux - System ROM U32	firmware-system-oem-u32-2.68_2022_07_14-1.1.x86_64.rpm	System BIOS - U32	2.68_07-14-2022	v2.68 (07/14/2022)	更新
6	Online ROM Flash Component for Linux - System ROM U34	firmware-system-oem-u34-2.68_2022_07_14-1.1.x86_64.rpm	System BIOS - U34	2.68_07-14-2022	v2.68 (07/14/2022)	更新
7	Online ROM Flash Component for Linux - System ROM U41	firmware-system-oem-u41-2.68_2022_07_14-1.1.x86_64.rpm	System BIOS - U41	2.68_07-14-2022	v2.68 (07/14/2022)	更新
8	Online ROM Flash Component for Linux - System ROM U43	firmware-system-oem-u43-2.60_2022_07_14-1.1.x86_64.rpm	System BIOS - U43	2.60_07-14-2022	v2.60 (07/14/2022)	更新
9	Online ROM Flash Component for Linux - System ROM U44	firmware-system-oem-u44-2.60_2022_07_14-1.1.x86_64.rpm	System BIOS - U44	2.60_07-14-2022	v2.60 (07/14/2022)	更新
10	Online ROM Flash Component for Linux - System ROM U46	firmware-system-oem-u46-1.64_2022_08_11-1.1.x86_64.rpm	System BIOS - U46	1.64_08-11-2022	v1.64 (08/11/2022)	更新
11	Online ROM Flash Component for Linux - System ROM U60	firmware-system-oem-u60-1.60_2022_07_14-1.1.x86_64.rpm	System BIOS - U60	1.60_07-14-2022	v1.60 (07/14/2022)	更新
12	Online ROM Flash Component for Linux - System ROM U61	firmware-system-oem-u61-1.60_2022_07_14-1.1.x86_64.rpm	System BIOS - U61	1.60_07-14-2022	v1.60 (07/14/2022)	更新
13	Online ROM Flash Component for Windows x64 - System ROM U30	cp052483.exe	System BIOS - U30	2.68_07-14-2022	v2.68 (07/14/2022)	更新
14	Online ROM Flash Component for Windows x64 - System ROM U32	cp052489.exe	System BIOS - U32	2.68_07-14-2022	v2.68 (07/14/2022)	更新
15	Online ROM Flash Component for Windows x64 - System ROM U34	cp052471.exe	System BIOS - U34	2.68_07-14-2022	v2.68 (07/14/2022)	更新
16	Online ROM Flash Component for Windows x64 - System ROM U41	cp052722.exe	System BIOS - U41	2.68_07-14-2022	v2.68 (07/14/2022)	更新
17	Online ROM Flash Component for Windows x64 - System ROM U43	cp052465.exe	System BIOS - U43	2.60_07-14-2022	v2.60 (07/14/2022)	更新
18	Online ROM Flash Component for Windows x64 - System ROM U44	cp052462.exe	System BIOS - U44	2.60_07-14-2022	v2.60 (07/14/2022)	更新
19	Online ROM Flash Component for Windows x64 - System ROM U46	cp054066.exe	System BIOS - U46	1.64_08-11-2022	v1.64 (08/11/2022)	更新
20	Online ROM Flash Component for Windows x64	cp052459.exe	System BIOS - U60	1.60_07-14-2022	v1.60 (07/14/2022)	更新

	- System ROM U60					
21	Online ROM Flash Component for Windows x64 - System ROM U61	cp052441.exe	System BIOS - U61	1.60_07-14-2022	v1.60 (07/14/2022)	更新
22	ROM Flash Firmware Package - System ROM U30	OEM.U30_2.68_07_14_2022.fwpkg	System BIOS - U30	2.68_07-14-2022	v2.68 (07/14/2022)	更新
23	ROM Flash Firmware Package - System ROM U32	OEM.U32_2.68_07_14_2022.fwpkg	System BIOS - U32	2.68_07-14-2022	v2.68 (07/14/2022)	更新
24	ROM Flash Firmware Package - System ROM U34	OEM.U34_2.68_07_14_2022.fwpkg	System BIOS - U34	2.68_07-14-2022	v2.68 (07/14/2022)	更新
25	ROM Flash Firmware Package - System ROM U41	OEM.U41_2.68_07_14_2022.fwpkg	System BIOS - U41	2.68_07-14-2022	v2.68 (07/14/2022)	更新
26	ROM Flash Firmware Package - System ROM U43	OEM.U43_2.60_07_14_2022.fwpkg	System BIOS - U43	2.60_07-14-2022	v2.60 (07/14/2022)	更新
27	ROM Flash Firmware Package - System ROM U44	OEM.U44_2.60_07_14_2022.fwpkg	System BIOS - U44	2.60_07-14-2022	v2.60 (07/14/2022)	更新
28	ROM Flash Firmware Package - System ROM U46	OEM.U46_1.64_08_11_2022.fwpkg	System BIOS - U46	1.64_08-11-2022	v1.64 (08/11/2022)	更新
29	ROM Flash Firmware Package - System ROM U60	OEM.U60_1.60_07_14_2022.fwpkg	System BIOS - U60	1.60_07-14-2022	v1.60 (07/14/2022)	更新
30	ROM Flash Firmware Package - System ROM U61	OEM.U61_1.60_07_14_2022.fwpkg	System BIOS - U61	1.60_07-14-2022	v1.60 (07/14/2022)	更新

6.2.3 Driver – Chipset

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
31	Identifiers for Intel Xeon E-22xx Processor for Microsoft Windows	cp053106.exe	-	10.1.18807.8279 (B)	10.1.18807.8279 (B)	更新
32	Identifiers for Intel Xeon E-23xx Processor for Microsoft Windows	cp052730.exe	-	10.1.18807.8279 (B)	10.1.18807.8279 (B)	更新
33	Identifiers for Intel Xeon Scalable Processors (First and Second Generation) for Microsoft Windows	cp052104.exe	-	10.1.18807.8279 (C)	10.1.18807.8279 (C)	更新
34	Identifiers for Intel Xeon Scalable Processors (Third Generation) for Microsoft Windows	cp053107.exe	-	10.1.18807.8279 (B)	10.1.18807.8279 (B)	更新

6.2.4 Driver – Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
35	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp051518.exe	BCM 57414 10/25GbE 2p SFP28 Adptr	222.0.126.0	222.0.126.0	更新
36	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp051518.exe	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	222.0.126.0	222.0.126.0	更新
37	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp051518.exe	BCM 57416 10GbE 2p BASE-T Adptr	222.0.126.0	222.0.126.0	更新
38	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp051518.exe	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	222.0.126.0	222.0.126.0	更新
39	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp051518.exe	BCM 57412 10GbE 2p SFP+ Adptr	222.0.126.0	222.0.126.0	更新
40	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp051518.exe	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	222.0.126.0	222.0.126.0	更新
41	Broadcom NetXtreme-E	cp051519.exe	BCM 57414	222.0.126.0	222.0.126.0	更新

	Driver for Microsoft Windows Server 2022		10/25GbE 2p SFP28 Adptr			
42	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp051519.exe	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	222.0.126.0	222.0.126.0	更新
43	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp051519.exe	BCM 57416 10GbE 2p BASE-T Adptr	222.0.126.0	222.0.126.0	更新
44	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp051519.exe	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	222.0.126.0	222.0.126.0	更新
45	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp051519.exe	BCM 57412 10GbE 2p SFP+ Adptr	222.0.126.0	222.0.126.0	更新
46	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp051519.exe	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	222.0.126.0	222.0.126.0	更新
47	Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp051465.exe	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	221.0.4.0	221.0.4.0	更新
48	Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp051465.exe	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	221.0.4.0	221.0.4.0	更新
49	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp051497.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	222.0.126.0	222.0.126.0	更新
50	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp051497.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	222.0.126.0	222.0.126.0	更新
51	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp051497.exe	HPE Ethernet 10Gb 2-port 535T Adapter	222.0.126.0	222.0.126.0	更新
52	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp051497.exe	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	222.0.126.0	222.0.126.0	更新
53	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp051497.exe	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	222.0.126.0	222.0.126.0	更新
54	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp051497.exe	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	222.0.126.0	222.0.126.0	更新
55	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp051498.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	222.0.126.0	222.0.126.0	更新
56	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp051498.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	222.0.126.0	222.0.126.0	更新
57	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp051498.exe	HPE Ethernet 10Gb 2-port 535T Adapter	222.0.126.0	222.0.126.0	更新
58	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp051498.exe	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	222.0.126.0	222.0.126.0	更新
59	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp051498.exe	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	222.0.126.0	222.0.126.0	更新

60	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp051498.exe	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	222.0.126.0	222.0.126.0	更新
61	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-222.0.142.0.rhel8u5.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.10.2-222.0.142.0	1.10.2-222.0.142.0.rhel8u5	新規追加
62	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-222.0.142.0.rhel8u5.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.10.2-222.0.142.0	1.10.2-222.0.142.0.rhel8u5	新規追加
63	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-222.0.142.0.rhel8u5.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	1.10.2-222.0.142.0	1.10.2-222.0.142.0.rhel8u5	新規追加
64	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-222.0.142.0.rhel8u5.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	1.10.2-222.0.142.0	1.10.2-222.0.142.0.rhel8u5	新規追加
65	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-222.0.142.0.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	1.10.2-222.0.142.0	1.10.2-222.0.142.0.rhel8u5	新規追加
66	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-222.0.142.0.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	1.10.2-222.0.142.0	1.10.2-222.0.142.0.rhel8u5	新規追加
67	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-222.0.142.0.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	1.10.2-222.0.142.0	1.10.2-222.0.142.0.rhel8u5	新規追加
68	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-222.0.142.0.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	1.10.2-222.0.142.0	1.10.2-222.0.142.0.rhel8u5	新規追加
69	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-222.0.142.0.rhel8u5.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	1.10.2-222.0.142.0	1.10.2-222.0.142.0.rhel8u5	新規追加
70	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-222.0.142.0.rhel8u5.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	1.10.2-222.0.142.0	1.10.2-222.0.142.0.rhel8u5	新規追加
71	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-222.0.142.0.rhel8u5.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	1.10.2-222.0.142.0	1.10.2-222.0.142.0.rhel8u5	新規追加
72	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-222.0.142.0.rhel8u5.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	1.10.2-222.0.142.0	1.10.2-222.0.142.0.rhel8u5	新規追加
73	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-222.0.142.0.rhel8u5.x86_64.rpm	Broadcom NetXtreme-E BCM5750x adapters	1.10.2-222.0.142.0	1.10.2-222.0.142.0.rhel8u5	新規追加
74	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp051496.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	2022.10.12	222.0.118.0-10EM.700.1.0.15843807	更新
75	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp051496.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	2022.10.12	222.0.118.0-10EM.700.1.0.15843807	更新
76	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp051496.zip	BCM 57414 10/25GbE 2p SFP28 Adptr	2022.10.12	222.0.118.0-10EM.700.1.0.15843807	更新
77	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp051496.zip	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	2022.10.12	222.0.118.0-10EM.700.1.0.15843807	更新
78	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp051496.zip	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	2022.10.12	222.0.118.0-10EM.700.1.0.15843807	更新
79	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp051496.zip	HPE Ethernet 10Gb 2-port 535T Adapter	2022.10.12	222.0.118.0-10EM.700.1.0.15843807	更新

80	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp051496.zip	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	2022.10.12	222.0.118.0-10EM.700.1.0.15843807	更新
81	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp051496.zip	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	2022.10.12	222.0.118.0-10EM.700.1.0.15843807	更新
82	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp051496.zip	BCM 57416 10GbE 2p BASE-T Adptr	2022.10.12	222.0.118.0-10EM.700.1.0.15843807	更新
83	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp051496.zip	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	2022.10.12	222.0.118.0-10EM.700.1.0.15843807	更新
84	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp051496.zip	BCM 57412 10GbE 2p SFP+ Adptr	2022.10.12	222.0.118.0-10EM.700.1.0.15843807	更新
85	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp051496.zip	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	2022.10.12	222.0.118.0-10EM.700.1.0.15843807	更新
86	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 5.	libbnxt_re-222.0.142.0-rhel8u5.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	222.0.142.0	222.0.142.0	新規追加
87	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 5.	libbnxt_re-222.0.142.0-rhel8u5.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	222.0.142.0	222.0.142.0	新規追加
88	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 5.	libbnxt_re-222.0.142.0-rhel8u5.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	222.0.142.0	222.0.142.0	新規追加
89	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 5.	libbnxt_re-222.0.142.0-rhel8u5.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	222.0.142.0	222.0.142.0	新規追加
90	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 5.	libbnxt_re-222.0.142.0-rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	222.0.142.0	222.0.142.0	新規追加
91	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 5.	libbnxt_re-222.0.142.0-rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	222.0.142.0	222.0.142.0	新規追加
92	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 5.	libbnxt_re-222.0.142.0-rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	222.0.142.0	222.0.142.0	新規追加
93	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 5.	libbnxt_re-222.0.142.0-rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	222.0.142.0	222.0.142.0	新規追加
94	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 5.	libbnxt_re-222.0.142.0-rhel8u5.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	222.0.142.0	222.0.142.0	新規追加
95	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 5.	libbnxt_re-222.0.142.0-rhel8u5.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	222.0.142.0	222.0.142.0	新規追加
96	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 5.	libbnxt_re-222.0.142.0-rhel8u5.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	222.0.142.0	222.0.142.0	新規追加
97	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 5.	libbnxt_re-222.0.142.0-rhel8u5.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	222.0.142.0	222.0.142.0	新規追加
98	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 5.	libbnxt_re-222.0.142.0-rhel8u5.x86_64.rpm	Broadcom NetXtreme-E BCM5750x adapters	222.0.142.0	222.0.142.0	新規追加
99	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp051378.exe	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	221.0.4.0	221.0.4.0	更新
100	HPE Broadcom NX1 1Gb	cp051378.exe	HP Ethernet 1Gb	221.0.4.0	221.0.4.0	更新

	Driver for Windows Server x64 Editions		2-port 332T Adapter			
101	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp051378.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	221.0.4.0	221.0.4.0	更新
102	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp051378.exe	HP Ethernet 1Gb 4-port 331T Adapter	221.0.4.0	221.0.4.0	更新
103	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp051378.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	221.0.4.0	221.0.4.0	更新
104	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139e-1.rhel8u5.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	3.139e-1	3.139e-1.rhel8u5	新規追加
105	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139e-1.rhel8u5.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	3.139e-1	3.139e-1.rhel8u5	新規追加
106	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139e-1.rhel8u5.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.139e-1	3.139e-1.rhel8u5	新規追加
107	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139e-1.rhel8u5.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.139e-1	3.139e-1.rhel8u5	新規追加
108	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139e-1.rhel8u5.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.139e-1	3.139e-1.rhel8u5	新規追加
109	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139e-1.rhel8u5.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.139e-1	3.139e-1.rhel8u5	新規追加
110	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139e-1.rhel8u5.x86_64.rpm	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	3.139e-1	3.139e-1.rhel8u5	新規追加
111	HPE Intel E1R Driver for Windows Server 2019	cp051857.exe	HPE Ethernet 1Gb 2-port 361T Adapter	12.18.13.0	12.18.13.0	更新
112	HPE Intel E1R Driver for Windows Server 2019	cp051857.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	12.18.13.0	12.18.13.0	更新
113	HPE Intel E1R Driver for Windows Server 2019	cp051857.exe	HPE Ethernet 1Gb 4-port 366T Adapter	12.18.13.0	12.18.13.0	更新
114	HPE Intel E1R Driver for Windows Server 2022	cp051861.exe	HPE Ethernet 1Gb 2-port 361T Adapter	13.0.13.0	13.0.13.0	更新
115	HPE Intel E1R Driver for Windows Server 2022	cp051861.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	13.0.13.0	13.0.13.0	更新
116	HPE Intel E1R Driver for Windows Server 2022	cp051861.exe	HPE Ethernet 1Gb 4-port 366T Adapter	13.0.13.0	13.0.13.0	更新
117	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.19.3-2.rhel8u5.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.19.3-2	2.19.3-2.rhel8u5	新規追加
118	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.19.3-2.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.19.3-2	2.19.3-2.rhel8u5	新規追加
119	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.19.3-2.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.19.3-2	2.19.3-2.rhel8u5	新規追加
120	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.19.3-2.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ Adapter	2.19.3-2	2.19.3-2.rhel8u5	新規追加

			OCP3 X710-DA2 Adapter			
121	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.19.3-2.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2.19.3-2	2.19.3-2.rhel8u5	新規追加
122	HPE Intel i40ea Driver for Windows Server 2019	cp051852.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.16.202.0	1.16.202.0	更新
123	HPE Intel i40ea Driver for Windows Server 2019	cp051852.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.16.202.0	1.16.202.0	更新
124	HPE Intel i40ea Driver for Windows Server 2022	cp051862.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.16.202.0	1.16.202.0	更新
125	HPE Intel i40ea Driver for Windows Server 2022	cp051862.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.16.202.0	1.16.202.0	更新
126	HPE Intel i40eb Driver for Windows Server 2019	cp051853.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.16.202.0	1.16.202.0	更新
127	HPE Intel i40eb Driver for Windows Server 2022	cp051863.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.16.202.0	1.16.202.0	更新
128	HPE Intel i40en Driver for VMware vSphere 7.0	cp051854.zip	HPE Ethernet 1Gb 4-port 369i Adapter	2022.09.01	2.2.7.0-10EM.700.1.0.15843807	更新
129	HPE Intel i40en Driver for VMware vSphere 7.0	cp051854.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2022.09.01	2.2.7.0-10EM.700.1.0.15843807	更新
130	HPE Intel i40en Driver for VMware vSphere 7.0	cp051854.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2022.09.01	2.2.7.0-10EM.700.1.0.15843807	更新
131	HPE Intel i40en Driver for VMware vSphere 7.0	cp051854.zip	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	2022.09.01	2.2.7.0-10EM.700.1.0.15843807	更新
132	HPE Intel i40en Driver for VMware vSphere 7.0	cp051854.zip	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2022.09.01	2.2.7.0-10EM.700.1.0.15843807	更新
133	HPE Intel iavf Driver for Windows Server 2019	cp051868.exe	-	1.13.8.0	1.13.8.0	更新
134	HPE Intel iavf Driver for Windows Server 2022	cp051864.exe	-	1.13.8.0 (B)	1.13.8.0 (B)	更新
135	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.4.2.1-2.rhel8u5.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	4.4.2.1-2	4.4.2.1-2.rhel8u5	新規追加
136	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.4.2.1-2.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	4.4.2.1-2	4.4.2.1-2.rhel8u5	新規追加
137	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.4.2.1-2.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	4.4.2.1-2	4.4.2.1-2.rhel8u5	新規追加
138	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.10.2-3.rhel8u5.x86_64.rpm	HPE Ethernet 1Gb 2-port 361T Adapter	6.10.2-3	6.10.2-3.rhel8u5	新規追加
139	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.10.2-3.rhel8u5.x86_64.rpm	HPE Ethernet 1Gb 4-port 366FLR Adapter	6.10.2-3	6.10.2-3.rhel8u5	新規追加
140	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.10.2-3.rhel8u5.x86_64.rpm	HPE Ethernet 1Gb 4-port 366T Adapter	6.10.2-3	6.10.2-3.rhel8u5	新規追加

			Adapter			
141	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.10.2-3.rhel8u5.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	6.10.2-3	6.10.2-3.rhel8u5	新規追加
142	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.10.2-3.rhel8u5.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	6.10.2-3	6.10.2-3.rhel8u5	新規追加
143	HPE Intel igbn Driver for VMware vSphere 7.0	cp049913.zip	HPE Ethernet 1Gb 2-port 361T Adapter	2022.09.01	1.9.1.0-1OEM.700.1.0.15843807	更新
144	HPE Intel igbn Driver for VMware vSphere 7.0	cp049913.zip	HPE Ethernet 1Gb 4-port 366FLR Adapter	2022.09.01	1.9.1.0-1OEM.700.1.0.15843807	更新
145	HPE Intel igbn Driver for VMware vSphere 7.0	cp049913.zip	HPE Ethernet 1Gb 4-port 366T Adapter	2022.09.01	1.9.1.0-1OEM.700.1.0.15843807	更新
146	HPE Intel igbn Driver for VMware vSphere 7.0	cp049913.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	2022.09.01	1.9.1.0-1OEM.700.1.0.15843807	更新
147	HPE Intel igbn Driver for VMware vSphere 7.0	cp049913.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	2022.09.01	1.9.1.0-1OEM.700.1.0.15843807	更新
148	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbe-5.15.2-2.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.15.2-2	5.15.2-2.rhel8u5	新規追加
149	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbe-5.15.2-2.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.15.2-2	5.15.2-2.rhel8u5	新規追加
150	HPE Intel ixgben Driver for VMware vSphere 7.0	cp051869.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	2022.09.01	1.12.3.0-1OEM.700.1.0.15843807	更新
151	HPE Intel ixgben Driver for VMware vSphere 7.0	cp051869.zip	HPE Ethernet 10Gb 2-port 562T Adapter	2022.09.01	1.12.3.0-1OEM.700.1.0.15843807	更新
152	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbev-4.15.1-2.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.15.1-2	4.15.1-2.rhel8u5	新規追加
153	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbev-4.15.1-2.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.15.1-2	4.15.1-2.rhel8u5	新規追加
154	HPE Intel ixS Driver for Windows Server 2019	cp051856.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.1.246.0	4.1.246.0	更新
155	HPE Intel ixS Driver for Windows Server 2019	cp051856.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.1.246.0	4.1.246.0	更新
156	HPE Intel ixS Driver for Windows Server 2022	cp051865.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.1.248.0	4.1.248.0	更新
157	HPE Intel ixS Driver for Windows Server 2022	cp051865.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.1.248.0	4.1.248.0	更新
158	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2019	cp052125.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2.90.25506.0	2.90.25506.0	更新
159	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2019	cp052125.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2.90.25506.0	2.90.25506.0	更新
160	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows	cp052125.exe	HPE InfiniBand EDR/Ethernet	2.90.25506.0	2.90.25506.0	更新

	Server 2019		100Gb 2-port 841QSFP28 Adapter			
161	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022	cp052126.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2.90.25506.0	2.90.25506.0	更新
162	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022	cp052126.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2.90.25506.0	2.90.25506.0	更新
163	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022	cp052126.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2.90.25506.0	2.90.25506.0	更新
164	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-kernel-mft-mlnx-4.20.0-1.rhel8u5.x86_64.rpm	MLX MCX631102 10/25GbE 2p SFP28 Adptr	4.20	4.20.0-1.rhel8u5	新規追加
165	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-kernel-mft-mlnx-4.20.0-1.rhel8u5.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	4.20	4.20.0-1.rhel8u5	新規追加
166	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-kernel-mft-mlnx-4.20.0-1.rhel8u5.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	4.20	4.20.0-1.rhel8u5	新規追加
167	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-kernel-mft-mlnx-4.20.0-1.rhel8u5.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	4.20	4.20.0-1.rhel8u5	新規追加
168	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-kernel-mft-mlnx-4.20.0-1.rhel8u5.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.20	4.20.0-1.rhel8u5	新規追加
169	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-kernel-mft-mlnx-4.20.0-1.rhel8u5.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	4.20	4.20.0-1.rhel8u5	新規追加
170	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-kernel-mft-mlnx-4.20.0-1.rhel8u5.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.20	4.20.0-1.rhel8u5	新規追加
171	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-kernel-mft-mlnx-4.20.0-1.rhel8u5.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	4.20	4.20.0-1.rhel8u5	新規追加
172	HPE Mellanox MFT prerequisite RPMs for	mft-4.20.0-34.rhel8u5.x86_64.rpm	MLX MCX631102 10/25GbE 2p	4.20	4.20.0-34.rhel8u5	新規追加

	Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)		SFP28 Adptr			
173	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mft-4.20.0-34.rhel8u5.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	4.20	4.20.0-34.rhel8u5	新規追加
174	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mft-4.20.0-34.rhel8u5.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	4.20	4.20.0-34.rhel8u5	新規追加
175	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mft-4.20.0-34.rhel8u5.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	4.20	4.20.0-34.rhel8u5	新規追加
176	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mft-4.20.0-34.rhel8u5.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.20	4.20.0-34.rhel8u5	新規追加
177	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mft-4.20.0-34.rhel8u5.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	4.20	4.20.0-34.rhel8u5	新規追加
178	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mft-4.20.0-34.rhel8u5.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.20	4.20.0-34.rhel8u5	新規追加
179	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mft-4.20.0-34.rhel8u5.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	4.20	4.20.0-34.rhel8u5	新規追加
180	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-mlnx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	MLX MCX631102 10/25GbE 2p SFP28 Adptr	5.6	5.6	新規追加
181	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-mlnx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	5.6	5.6	新規追加
182	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-mlnx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	5.6	5.6	新規追加
183	HPE Mellanox RoCE (RDMA over Converged Ethernet)	kmod-mlnx-ofa_kernel-5.6-	HPE Ethernet 10/25Gb 2-port	5.6	5.6	新規追加

	ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	SFP28 MCX562A-ACAI OCP3 Adapter			
184	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-mlnx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	5.6	5.6	新規追加
185	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-mlnx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	5.6	5.6	新規追加
186	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-mlnx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	5.6	5.6	新規追加
187	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-mlnx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	5.6	5.6	新規追加
188	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-mlnx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	5.6	5.6	新規追加
189	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-mlnx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	5.6	5.6	新規追加
190	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	kmod-mlnx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	5.6	5.6	新規追加
191	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mlnx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	MLX MCX631102 10/25GbE 2p SFP28 Adptr	5.6	5.6	新規追加
192	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mlnx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	5.6	5.6	新規追加
193	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mlnx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	5.6	5.6	新規追加
194	HPE Mellanox RoCE (RDMA over Converged Ethernet)	mlnx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u	HPE Ethernet 10/25Gb 2-port	5.6	5.6	新規追加

	ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	5.x86_64.rpm	SFP28 MCX562A-ACAI OCP3 Adapter			
195	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mInx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	5.6	5.6	新規追加
196	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mInx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	5.6	5.6	新規追加
197	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mInx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	5.6	5.6	新規追加
198	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mInx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	5.6	5.6	新規追加
199	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mInx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	5.6	5.6	新規追加
200	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mInx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	5.6	5.6	新規追加
201	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 5 (x86_64)	mInx-ofa_kernel-5.6-OFED.5.6.2.0.9.1.rhel8u5.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	5.6	5.6	新規追加
202	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 8	kmod-qlgc-fastlinq-8.70.10.0-1.rhel8u5.x86_64.rpm	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	8.70.10.0-1	8.70.10.0-1.rhel8u5	新規追加
203	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Windows Server x64 Editions	cp050997.exe	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	8.70.9.0	8.70.9.0	更新
204	HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 7.0	cp050967.zip	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	2022.09.01	3.70.7.0-10EM.700.1.0.15843807	更新
205	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 7.0	cp050968.zip	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	2022.09.01	1.4.35.0-10EM.700.1.0.15843807	更新
206	HPE QLogic NX2 10/20 GbE Multifunction Driver for	cp050968.zip	HPE Ethernet 10Gb 2-port 530T	2022.09.01	1.4.35.0-10EM.700.1.0	更新

	VMware vSphere 7.0		Adapter		.15843807	
207	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 7.0	cp050968.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2022.09.01	1.4.35.0-1OEM.700.1.0.15843807	更新
208	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8	kmod-netxtreme2-7.15.10-1.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	7.15.10-1	7.15.10-1.rhel8u5	新規追加
209	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8	kmod-netxtreme2-7.15.10-1.rhel8u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 530T Adapter	7.15.10-1	7.15.10-1.rhel8u5	新規追加
210	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8	kmod-netxtreme2-7.15.10-1.rhel8u5.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.15.10-1	7.15.10-1.rhel8u5	新規追加
211	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp052356.exe	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	7.13.206.0 (B)	7.13.206.0 (B)	更新
212	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp052356.exe	HPE Ethernet 10Gb 2-port 530T Adapter	7.13.206.0 (B)	7.13.206.0 (B)	更新
213	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp052356.exe	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.13.206.0 (B)	7.13.206.0 (B)	更新
214	Intel i350 Driver for Windows Server 2019	cp051875.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	12.18.13.0	12.18.13.0	更新
215	Intel i350 Driver for Windows Server 2019	cp051875.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	12.18.13.0	12.18.13.0	更新
216	Intel i350 Driver for Windows Server 2022	cp051876.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	13.0.13.0	13.0.13.0	更新
217	Intel i350 Driver for Windows Server 2022	cp051876.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	13.0.13.0	13.0.13.0	更新
218	Intel i40ea Driver for Windows Server 2019	cp051855.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	1.16.202.0	1.16.202.0	更新
219	Intel i40ea Driver for Windows Server 2019	cp051855.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	1.16.202.0	1.16.202.0	更新
220	Intel i40ea Driver for Windows Server 2022	cp051858.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	1.16.202.0	1.16.202.0	更新
221	Intel i40ea Driver for Windows Server 2022	cp051858.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	1.16.202.0	1.16.202.0	更新
222	Intel iavf Driver for Windows Server 2019	cp051867.exe	-	1.13.8.0	1.13.8.0	更新
223	Intel iavf Driver for Windows Server 2022	cp051859.exe	-	1.13.8.0 (B)	1.13.8.0 (B)	更新
224	Intel icea Driver for Microsoft Windows Server 2022	cp052367.exe	Intel E810-CQDA2 OCP3 adapter	1.11.44.0	1.11.44.0	更新
225	Intel icea Driver for Microsoft Windows Server 2022	cp052367.exe	Intel E810-XXVDA2 adapter	1.11.44.0	1.11.44.0	更新
226	Intel icea Driver for Microsoft Windows Server 2022	cp052367.exe	Intel E810-XXVDA2 OCP3 adapter	1.11.44.0	1.11.44.0	更新
227	Intel icea Driver for Microsoft	cp052367.exe	Intel E810-	1.11.44.0	1.11.44.0	更新

	Windows Server 2022		XXVDA4 adapter			
228	Intel ica Driver for VMware vSphere 7.0	cp051860.zip	Intel E810-CQDA2 OCP3 adapter	2022.09.01	1.8.4.0-10EM.700.1.0.15843807	更新
229	Intel ica Driver for VMware vSphere 7.0	cp051860.zip	Intel E810-XXVDA2 adapter	2022.09.01	1.8.4.0-10EM.700.1.0.15843807	更新
230	Intel ica Driver for VMware vSphere 7.0	cp051860.zip	Intel E810-XXVDA2 OCP3 adapter	2022.09.01	1.8.4.0-10EM.700.1.0.15843807	更新
231	Intel ica Driver for VMware vSphere 7.0	cp051860.zip	Intel E810-XXVDA4 adapter	2022.09.01	1.8.4.0-10EM.700.1.0.15843807	更新
232	Intel ica Driver for Windows Server 2019	cp052366.exe	Intel E810-CQDA2 OCP3 adapter	1.11.44.0	1.11.44.0	更新
233	Intel ica Driver for Windows Server 2019	cp052366.exe	Intel E810-XXVDA2 adapter	1.11.44.0	1.11.44.0	更新
234	Intel ica Driver for Windows Server 2019	cp052366.exe	Intel E810-XXVDA2 OCP3 adapter	1.11.44.0	1.11.44.0	更新
235	Intel ica Driver for Windows Server 2019	cp052366.exe	Intel E810-XXVDA4 adapter	1.11.44.0	1.11.44.0	更新
236	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp053556.zip	MLX MCX631102 10/25GbE 2p SFP28 Adptr	2021.04.21 (C)	4.21.71.101-10EM.702.0.0.17630552	更新
237	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp053556.zip	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	2021.04.21 (C)	4.21.71.101-10EM.702.0.0.17630552	更新
238	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp053556.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	2021.04.21 (C)	4.21.71.101-10EM.702.0.0.17630552	更新
239	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp053556.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	2021.04.21 (C)	4.21.71.101-10EM.702.0.0.17630552	更新
240	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp053556.zip	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	2021.04.21 (C)	4.21.71.101-10EM.702.0.0.17630552	更新
241	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp053556.zip	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	2021.04.21 (C)	4.21.71.101-10EM.702.0.0.17630552	更新
242	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp053556.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2021.04.21 (C)	4.21.71.101-10EM.702.0.0.17630552	更新
243	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp053556.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2021.04.21 (C)	4.21.71.101-10EM.702.0.0.17630552	更新
244	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi	cp053556.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28	2021.04.21 (C)	4.21.71.101-10EM.702.0.0.17630552	更新

	7.0 Update 2 and Update 3		Adapter			
245	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp053556.zip	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	2021.04.21 (C)	4.21.71.101-10EM.702.0.0.17630552	更新
246	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp052123.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	2.90.25506.0	2.90.25506.0	更新
247	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp052123.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	2.90.25506.0	2.90.25506.0	更新
248	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp052123.exe	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	2.90.25506.0	2.90.25506.0	更新
249	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp052123.exe	MLX MCX631102 10/25GbE 2p SFP28 Adptr	2.90.25506.0	2.90.25506.0	更新
250	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp052123.exe	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	2.90.25506.0	2.90.25506.0	更新
251	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp052124.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	2.90.25506.0	2.90.25506.0	更新
252	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp052124.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	2.90.25506.0	2.90.25506.0	更新
253	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp052124.exe	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	2.90.25506.0	2.90.25506.0	更新
254	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp052124.exe	MLX MCX631102 10/25GbE 2p SFP28 Adptr	2.90.25506.0	2.90.25506.0	更新
255	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp052124.exe	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	2.90.25506.0	2.90.25506.0	更新
256	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	MLX MCX631102 10/25GbE 2p SFP28 Adptr	2020.11.11 (D)	4.14.3.3-10EM.700.1.0.15525992	更新
257	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	2020.11.11 (D)	4.14.3.3-10EM.700.1.0.15525992	更新
258	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	2020.11.11 (D)	4.14.3.3-10EM.700.1.0.15525992	更新
259	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	2020.11.11 (D)	4.14.3.3-10EM.700.1.0.15525992	更新
260	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	2020.11.11 (D)	4.14.3.3-10EM.700.1.0.15525992	更新
261	net-mst kernel module driver	cp052137.zip	HPE Ethernet	2020.11.11	4.14.3.3-	更新

	component for VMware ESXi 7.0		100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	(D)	1OEM.700.1.0.15525992	
262	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2020.11.11 (D)	4.14.3.3-1OEM.700.1.0.15525992	更新
263	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2020.11.11 (D)	4.14.3.3-1OEM.700.1.0.15525992	更新
264	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2020.11.11 (D)	4.14.3.3-1OEM.700.1.0.15525992	更新
265	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	2020.11.11 (D)	4.14.3.3-1OEM.700.1.0.15525992	更新

6.2.5 Driver – Storage

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
266	HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2016 and Windows Server 2019	cp052315.exe	-	106.12.6.0 (D)	106.12.6.0 (D)	更新
267	HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2022	cp052316.exe	-	1010.14.0.0 (C)	1010.14.0.0 (C)	更新
268	HPE Smart Storage SR100i Gen10 Plus SW RAID Driver for Windows Server 2016 and Windows Server 2019	cp052318.exe	-	106.124.100.1005	106.124.100.1005	更新
269	HPE Smart Storage SR100i Gen10 Plus SW RAID Driver for Windows Server 2022	cp052317.exe	-	1010.124.100.1005	1010.124.100.1005	更新

6.2.6 Driver – Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
270	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller (64-bit) Driver for vSphere 7.0 (Driver Component)	cp053568.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2021.04.01 (C)	7.716.03.00-1OEM.700.1.0.15843807	更新
271	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller (64-bit) Driver for vSphere 7.0 (Driver Component)	cp053568.zip	Broadcom MR416i-a Cntrl for HPE Gen10+	2021.04.01 (C)	7.716.03.00-1OEM.700.1.0.15843807	更新
272	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller (64-bit) Driver for vSphere 7.0 (Driver Component)	cp053568.zip	Broadcom MR216i-p Cntrl for HPE Gen10+	2021.04.01 (C)	7.716.03.00-1OEM.700.1.0.15843807	更新
273	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller (64-bit) Driver for vSphere 7.0 (Driver Component)	cp053568.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2021.04.01 (C)	7.716.03.00-1OEM.700.1.0.15843807	更新

274	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2019 edition.	cp053563.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.716.3.0 (C)	7.716.3.0 (C)	更新
275	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2019 edition.	cp053563.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.716.3.0 (C)	7.716.3.0 (C)	更新
276	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2019 edition.	cp053563.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.716.3.0 (C)	7.716.3.0 (C)	更新
277	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2019 edition.	cp053563.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.716.3.0 (C)	7.716.3.0 (C)	更新
278	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2022 edition.	cp053564.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.719.6.0 (B)	7.719.6.0 (B)	更新
279	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2022 edition.	cp053564.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.719.6.0 (B)	7.719.6.0 (B)	更新
280	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2022 edition.	cp053564.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.719.6.0 (B)	7.719.6.0 (B)	更新
281	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2022 edition.	cp053564.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.719.6.0 (B)	7.719.6.0 (B)	更新
282	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.18-045.rhel8u5.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	2.1.18-045	2.1.18-045.rhel8u5	新規追加
283	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.18-045.rhel8u5.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	2.1.18-045	2.1.18-045.rhel8u5	新規追加
284	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.18-045.rhel8u5.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	2.1.18-045	2.1.18-045.rhel8u5	新規追加
285	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.18-045.rhel8u5.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	2.1.18-045	2.1.18-045.rhel8u5	新規追加
286	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.18-045.rhel8u5.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	2.1.18-045	2.1.18-045.rhel8u5	新規追加
287	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.18-045.rhel8u5.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	2.1.18-045	2.1.18-045.rhel8u5	新規追加
288	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8	kmod-smartpqi-2.1.18-045.rhel8u5.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	2.1.18-045	2.1.18-045.rhel8u5	新規追加

	(64-bit)					
289	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.18-045.rhel8u5.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	2.1.18-045	2.1.18-045.rhel8u5	新規追加
290	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp051258.zip	HPE Smart Array P408i-a SR Gen10 Controller	2022.10.01	70.4330.0.116 - 10EM.700.1.0.15843807	更新
291	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp051258.zip	HPE Smart Array P408i-p SR Gen10 Controller	2022.10.01	70.4330.0.116 - 10EM.700.1.0.15843807	更新
292	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp051258.zip	HPE Smart Array P816i-a SR Gen10 Controller	2022.10.01	70.4330.0.116 - 10EM.700.1.0.15843807	更新
293	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp051258.zip	HPE Smart Array E208e-p SR Gen10 Controller	2022.10.01	70.4330.0.116 - 10EM.700.1.0.15843807	更新
294	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp051258.zip	HPE Smart Array E208i-a SR Gen10 Controller	2022.10.01	70.4330.0.116 - 10EM.700.1.0.15843807	更新
295	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp051258.zip	HPE Smart Array E208i-p SR Gen10 Controller	2022.10.01	70.4330.0.116 - 10EM.700.1.0.15843807	更新
296	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp051258.zip	Microchip SR932i-p Cntrl for HPE Gen10+	2022.10.01	70.4330.0.116 - 10EM.700.1.0.15843807	更新
297	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp051258.zip	Microchip SR416i-a Cntrl for HPE Gen10+	2022.10.01	70.4330.0.116 - 10EM.700.1.0.15843807	更新
298	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp051257.exe	HPE Smart Array P408i-a SR Gen10 Controller	1010.42.0.1020	1010.42.0.1020	更新
299	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp051257.exe	HPE Smart Array P408i-p SR Gen10 Controller	1010.42.0.1020	1010.42.0.1020	更新
300	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp051257.exe	HPE Smart Array P816i-a SR Gen10 Controller	1010.42.0.1020	1010.42.0.1020	更新
301	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp051257.exe	HPE Smart Array E208e-p SR Gen10 Controller	1010.42.0.1020	1010.42.0.1020	更新

302	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp051257.exe	HPE Smart Array E208i-a SR Gen10 Controller	1010.42.0.1020	1010.42.0.1020	更新
303	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp051257.exe	HPE Smart Array E208i-p SR Gen10 Controller	1010.42.0.1020	1010.42.0.1020	更新
304	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp051257.exe	Microchip SR932i-p Cntrl for HPE Gen10+	1010.42.0.1020	1010.42.0.1020	更新
305	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp051257.exe	Microchip SR416i-a Cntrl for HPE Gen10+	1010.42.0.1020	1010.42.0.1020	更新

6.2.7 Driver - Storage Fibre Channel and Fibre Channel over Ethernet

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
306	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp051542.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.0.534.0	14.0.534.0	更新
307	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp051542.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.0.534.0	14.0.534.0	更新
308	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp051542.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	14.0.534.0	14.0.534.0	更新
309	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp051542.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	14.0.534.0	14.0.534.0	更新
310	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp051542.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.0.534.0	14.0.534.0	更新
311	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp051542.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.0.534.0	14.0.534.0	更新
312	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp050094.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.0.534.0	14.0.534.0	更新
313	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp050094.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.0.534.0	14.0.534.0	更新
314	HPE Storage Fibre Channel	cp050094.exe	HPE SN1600E	14.0.534.0	14.0.534.0	更新

	Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022		32Gb Dual Port Fibre Channel Host Bus Adapter			
315	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp050094.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	14.0.534.0	14.0.534.0	更新
316	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp050094.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.0.534.0	14.0.534.0	更新
317	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp050094.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.0.534.0	14.0.534.0	更新
318	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp050131.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.4.6.20 (b)	9.4.6.20 (b)	更新
319	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp050131.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.4.6.20 (b)	9.4.6.20 (b)	更新
320	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp050131.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.4.6.20 (b)	9.4.6.20 (b)	更新
321	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp050131.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.4.6.20 (b)	9.4.6.20 (b)	更新
322	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp050131.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	9.4.6.20 (b)	9.4.6.20 (b)	更新
323	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp050131.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	9.4.6.20 (b)	9.4.6.20 (b)	更新
324	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp050132.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.4.6.20 (b)	9.4.6.20 (b)	更新
325	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp050132.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.4.6.20 (b)	9.4.6.20 (b)	更新
326	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp050132.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.4.6.20 (b)	9.4.6.20 (b)	更新
327	HPE Storage Fibre Channel Adapter Kit for the x64	cp050132.exe	HPE SN1600Q 32Gb Single Port	9.4.6.20 (b)	9.4.6.20 (b)	更新

	QLogic Storport Driver for Microsoft Windows Server 2022		Fibre Channel Host Bus Adapter			
328	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp050132.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	9.4.6.20 (b)	9.4.6.20 (b)	更新
329	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp050132.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	9.4.6.20 (b)	9.4.6.20 (b)	更新
330	Red Hat Enterprise Linux 8 Update 5 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.0.499.20-1.rhel8u5.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.0.499.20	14.0.499.20-1.rhel8u5	新規追加
331	Red Hat Enterprise Linux 8 Update 5 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.0.499.20-1.rhel8u5.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.0.499.20	14.0.499.20-1.rhel8u5	新規追加
332	Red Hat Enterprise Linux 8 Update 5 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.0.499.20-1.rhel8u5.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	14.0.499.20	14.0.499.20-1.rhel8u5	新規追加
333	Red Hat Enterprise Linux 8 Update 5 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.0.499.20-1.rhel8u5.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	14.0.499.20	14.0.499.20-1.rhel8u5	新規追加
334	Red Hat Enterprise Linux 8 Update 5 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.0.499.20-1.rhel8u5.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.0.499.20	14.0.499.20-1.rhel8u5	新規追加
335	Red Hat Enterprise Linux 8 Update 5 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.0.499.20-1.rhel8u5.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.0.499.20	14.0.499.20-1.rhel8u5	新規追加
336	Red Hat Enterprise Linux 8 Update 5 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.07.00_k1-1.rhel8u5.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	10.02.07.00-k1 (b)	10.02.07.00_k1-1.rhel8u5	新規追加
337	Red Hat Enterprise Linux 8 Update 5 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.07.00_k1-1.rhel8u5.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	10.02.07.00-k1 (b)	10.02.07.00_k1-1.rhel8u5	新規追加
338	Red Hat Enterprise Linux 8 Update 5 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.07.00_k1-1.rhel8u5.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	10.02.07.00-k1 (b)	10.02.07.00_k1-1.rhel8u5	新規追加
339	Red Hat Enterprise Linux 8 Update 5 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.07.00_k1-1.rhel8u5.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	10.02.07.00-k1 (b)	10.02.07.00_k1-1.rhel8u5	新規追加
340	Red Hat Enterprise Linux 8 Update 5 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.07.00_k1-1.rhel8u5.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	10.02.07.00-k1 (b)	10.02.07.00_k1-1.rhel8u5	新規追加
341	Red Hat Enterprise Linux 8 Update 5 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.07.00_k1-1.rhel8u5.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	10.02.07.00-k1 (b)	10.02.07.00_k1-1.rhel8u5	新規追加

6.2.8 Driver - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
342	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2016 and 2019	cp050039.exe	-	4.7.1.0 (C)	4.7.1.0 (C)	更新
343	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2022	cp050041.exe	-	4.7.1.0 (B)	4.7.1.0 (B)	更新
344	iLO 5 Channel Interface Driver for Microsoft Windows Server 2016 and 2019	cp049819.exe	-	4.7.1.0 (C)	4.7.1.0 (C)	更新
345	iLO 5 Channel Interface Driver for Microsoft Windows Server 2022	cp049818.exe	-	4.7.1.0 (C)	4.7.1.0 (C)	更新

6.2.9 Driver - Video

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
346	Matrox G200eH3 Video Controller Driver for Microsoft Windows 64-bit	cp050405.exe	-	9.15.1.248 (B)	9.15.1.248 (B)	更新

6.2.10 Firmware - Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
347	Language Pack - Japanese	cp053545.exe	Japanese Language Pack	2.72	2.72.08	更新
348	Language Pack - Japanese	firmware-ilo5-lpk-jari11-2.72-1.1.x86_64.rpm	Japanese Language Pack	2.72	2.72.08	更新
349	Online ROM Flash Component for Linux - iLO 5	firmware-ilo5-2.72-1.1.x86_64.rpm	iLO 5	2.72	2.72	更新
350	Online ROM Flash Component for Windows x64 - iLO 5	cp053609.exe	iLO 5	2.72	2.72	更新
351	Online ROM Flash Firmware Package - iLO 5	ilo5_272.fwpkg	iLO 5	2.72	2.72	更新

6.2.11 Firmware - Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
352	Broadcom Firmware Package for BCM5741x adapters	bcm222.1.68.0.pup.fwpkg	BCM 57412 10GbE 2p SFP+ Adptr	222.1.68.0	222.1.68.0	更新
353	Broadcom Firmware Package for BCM5741x adapters	bcm222.1.68.0.pup.fwpkg	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	222.1.68.0	222.1.68.0	更新
354	Broadcom Firmware Package for BCM5741x adapters	bcm222.1.68.0.pup.fwpkg	BCM 57414 10/25GbE 2p SFP28 Adptr	222.1.68.0	222.1.68.0	更新
355	Broadcom Firmware Package for BCM5741x adapters	bcm222.1.68.0.pup.fwpkg	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	222.1.68.0	222.1.68.0	更新
356	Broadcom Firmware Package for BCM5741x adapters	bcm222.1.68.0.pup.fwpkg	BCM 57416 10GbE 2p BASE-T Adptr	222.1.68.0	222.1.68.0	更新
357	Broadcom Firmware Package for BCM5741x adapters	bcm222.1.68.0.pup.fwpkg	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	222.1.68.0	222.1.68.0	更新

358	Broadcom Firmware Package for BCM5750x adapters	bcm222.1.68.0_Thor.pup.fwpkg	Broadcom NetXtreme-E BCM5750x adapters	222.1.68.0 (B)	222.1.68	新規追加
359	Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-open-2.29.2-1.1.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	2.29.2	20.22.41	更新
360	Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-open-2.29.2-1.1.x86_64.rpm	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	2.29.2	20.22.41	更新
361	Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP051467.zip	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	1.30.2	20.22.41	更新
362	Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP051467.zip	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	1.30.2	20.22.41	更新
363	Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051468.exe	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	5.3.0.0	20.22.41	更新
364	Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051468.exe	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	5.3.0.0	20.22.41	更新
365	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm218.0.303000.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	218.0.303000 (B)	218.0.303000	
366	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm218.0.303000.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 535T Adapter	218.0.303000 (B)	218.0.303000	
367	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm218.0.303000.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	218.0.303000 (B)	218.0.303000	
368	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm218.0.303000.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	218.0.303000 (B)	218.0.303000	
369	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm218.0.303000.Optimized.pup.fwpkg	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	218.0.303000 (B)	218.0.303000	
370	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm218.0.303000.Optimized.pup.fwpkg	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	218.0.303000 (B)	218.0.303000	
371	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.30.2-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	2.30.2	20.22.41	更新
372	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.30.2-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	2.30.2	20.22.41	更新
373	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.30.2-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	2.30.2	20.22.41	更新
374	HPE Broadcom NX1 Online Firmware Upgrade Utility for	firmware-nic-broadcom-2.30.2-	HP Ethernet 1Gb 4-port 331T	2.30.2	20.22.41	更新

	Linux x86_64	1.1.x86_64.rpm	Adapter			
375	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.30.2-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	2.30.2	20.22.41	更新
376	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP051380.zip	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	1.31.2	20.22.41	更新
377	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP051380.zip	HP Ethernet 1Gb 2-port 332T Adapter	1.31.2	20.22.41	更新
378	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP051380.zip	HP Ethernet 1Gb 4-port 331FLR Adapter	1.31.2	20.22.41	更新
379	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP051380.zip	HP Ethernet 1Gb 4-port 331T Adapter	1.31.2	20.22.41	更新
380	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP051380.zip	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	1.31.2	20.22.41	更新
381	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051381.exe	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	5.3.0.0	20.22.41	更新
382	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051381.exe	HP Ethernet 1Gb 2-port 332T Adapter	5.3.0.0	20.22.41	更新
383	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051381.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	5.3.0.0	20.22.41	更新
384	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051381.exe	HP Ethernet 1Gb 4-port 331T Adapter	5.3.0.0	20.22.41	更新
385	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051381.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	5.3.0.0	20.22.41	更新
386	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.24.3-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	1.24.3	1.3227.0	更新
387	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.24.3-1.1.x86_64.rpm	HPE Ethernet 1Gb 2-port 361T Adapter	1.24.3	1.3227.0	更新
388	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.24.3-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 366FLR Adapter	1.24.3	1.3227.0	更新
389	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.24.3-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 366T Adapter	1.24.3	1.3227.0	更新
390	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.24.3-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.24.3	11.1.1	更新
391	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.24.3-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	1.24.3	10.55.3	更新
392	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.24.3-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.24.3	11.1.1	更新
393	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.24.3-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	1.24.3	10.55.3	更新
394	HPE Intel Online Firmware Upgrade Utility for VMware	CP051601.zip	HPE Ethernet 1Gb 4-port 369i Adapter	3.17.3	1.3227.0	更新
395	HPE Intel Online Firmware Upgrade Utility for VMware	CP051601.zip	HPE Ethernet 1Gb 2-port 361T Adapter	3.17.3	1.3227.0	更新
396	HPE Intel Online Firmware	CP051601.zip	HPE Ethernet 1Gb	3.17.3	1.3227.0	更新

	Upgrade Utility for VMware		4-port 366FLR Adapter			
397	HPE Intel Online Firmware Upgrade Utility for VMware	CP051601.zip	HPE Ethernet 1Gb 4-port 366T Adapter	3.17.3	1.3227.0	更新
398	HPE Intel Online Firmware Upgrade Utility for VMware	CP051601.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	3.17.3	11.1.1	更新
399	HPE Intel Online Firmware Upgrade Utility for VMware	CP051601.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	3.17.3	10.55.3	更新
400	HPE Intel Online Firmware Upgrade Utility for VMware	CP051601.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	3.17.3	11.1.1	更新
401	HPE Intel Online Firmware Upgrade Utility for VMware	CP051601.zip	HPE Ethernet 10Gb 2-port 562T Adapter	3.17.3	10.55.3	更新
402	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051591.exe	HPE Ethernet 1Gb 4-port 369i Adapter	5.2.8.0	1.3227.0	更新
403	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051591.exe	HPE Ethernet 1Gb 2-port 361T Adapter	5.2.8.0	1.3227.0	更新
404	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051591.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	5.2.8.0	1.3227.0	更新
405	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051591.exe	HPE Ethernet 1Gb 4-port 366T Adapter	5.2.8.0	1.3227.0	更新
406	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051591.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	5.2.8.0	11.1.1	更新
407	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051591.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.2.8.0	10.55.3	更新
408	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051591.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	5.2.8.0	11.1.1	更新
409	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051591.exe	HPE Ethernet 10Gb 2-port 562T Adapter	5.2.8.0	10.55.3	更新
410	HPE QLogic FastLinQ Firmware Package for Arrowhead adapters	ql_hp_ah_mbi_8.59.05_pldm.fwpkg	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	8.59.05	8.59.05	更新
411	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.31.4-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	2.31.4	7.19.14	更新
412	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.31.4-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 530T Adapter	2.31.4	7.19.14	更新
413	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.31.4-1.1.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2.31.4	7.19.14	更新
414	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP050993.zip	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	1.31.4	7.19.14	更新
415	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP050993.zip	HPE Ethernet 10Gb 2-port 530T Adapter	1.31.4	7.19.14	更新
416	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP050993.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	1.31.4	7.19.14	更新

417	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050994.exe	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	5.2.7.0	7.19.14	更新
418	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050994.exe	HPE Ethernet 10Gb 2-port 530T Adapter	5.2.7.0	7.19.14	更新
419	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050994.exe	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	5.2.7.0	7.19.14	更新
420	Intel Firmware Package For E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter	HPE_E810_CQDA2_OCP_3p20_NCSlwPLDMoMCTP_80012767.fwpkg	Intel E810-CQDA2 OCP3 adapter	3.20	3.20	更新
421	Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter	HPE_E810_XXVDA2_SD_3p20_PLDMoMCTP_8000D853.fwpkg	Intel E810-XXVDA2 adapter	3.20	3.20	更新
422	Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter	HPE_E810_XXVDA2_SD_OCP_3p20_NCSlwPLDMoMCTP_8000D82B.fwpkg	Intel E810-XXVDA2 OCP3 adapter	3.20	3.20	更新
423	Intel Firmware Package For E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter	HPE_E810_XXVDA4_FH_3p20_PLDMoMCTP_80012765.fwpkg	Intel E810-XXVDA4 adapter	3.20	3.20	更新
424	Intel Online Firmware Upgrade Utility for VMware	CP051603.zip	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	3.17.4	1.3218.0	更新
425	Intel Online Firmware Upgrade Utility for VMware	CP051603.zip	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	3.17.4	1.3218.0	更新
426	Intel Online Firmware Upgrade Utility for VMware	CP051603.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	3.17.4	1.3218.0	更新
427	Intel Online Firmware Upgrade Utility for VMware	CP051603.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	3.17.4	1.3218.0	更新
428	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051604.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	5.2.8.0	1.3218.0	更新
429	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051604.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	5.2.8.0	1.3218.0	更新
430	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051604.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	5.2.8.0	1.3218.0	更新
431	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051604.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	5.2.8.0	1.3218.0	更新
432	Mellanox Firmware Package (FWPKG) - Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	26_33_1048-MCX631102AS-ADA_Ax.pldm.fwpkg	MLX MCX631102 10/25GbE 2p SFP28 Adptr	26.33.1048	26.33.1048	新規追加
433	Mellanox Firmware Package (FWPKG) - Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	26_33_1048-MCX631432AS-ADA_Ax.pldm.fwpkg	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	26.33.1048	26.33.1048	新規追加

434	Mellanox Firmware Package (FWPKG) for HPE Ethernet 100Gb 1-port QSFP28 PCIe3 x16 MCX515A-CCAT Adapter	16_33_1048-MCX515A-CCA_HPE_Ax.pldm.fwpkg	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	16.33.1048	16.33.1048	更新
435	Mellanox Firmware Package (FWPKG) for HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe4 x16 MCX653106A-ECAT Adapter	20_33_1048-MCX653106A-ECA_HPE_Ax.pldm.fwpkg	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	20.33.1048	20.33.1048	更新
436	Mellanox Firmware Package (FWPKG) for Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	16_33_1048-MCX562A-ACA_Ax_Bx.pldm.fwpkg	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	16.33.1048	16.33.1048	更新
437	Mellanox Firmware Package (FWPKG) for Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	22_33_1048-MCX623106AS-CDA_Ax.pldm.fwpkg	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	22.33.1048	22.33.1048	更新
438	Mellanox Firmware Package(FWPKG) for HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACHT Adapter	16_33_1048-MCX512F-ACH_Ax_Bx.pldm.fwpkg	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	16.33.1048 (A)	16.33.1048	更新
439	Online Firmware Upgrade Utility (ESXi 7.0) for HPE Mellanox Ethernet only adapters	CP052140.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.4	14.32.1010	更新
440	Online Firmware Upgrade Utility (ESXi 7.0) for HPE Mellanox Ethernet only adapters	CP052140.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.4	14.32.1010	更新
441	Online Firmware Upgrade Utility (ESXi 7.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 7.0	CP052129.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.4	16.33.1048	更新
442	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters	firmware-nic-mellanox-ethernet-only-1.0.17-1.1.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.17	14.32.1010	更新
443	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters	firmware-nic-mellanox-ethernet-only-1.0.17-1.1.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.17	14.32.1010	更新
444	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Linux x86_64 platform	firmware-hca-mellanox-vpi-connectx4-1.0.13-1.1.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.13	16.33.1048	更新
445	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on Linux x86_64 platform	firmware-nic-mellanox-vpi-cx6-mft-1.0.9-1.1.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	1.0.9	20.33.1048	更新
446	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters	cp052141.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.0.17	14.32.1010	更新
447	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters	cp052141.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.0.17	14.32.1010	更新

448	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Windows x86_64 platform	cp052128.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.0.12	16.33.1048	更新
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6.2.12 Firmware - PCIe NVMe Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
449	Online NVMe SSD Flash Component for Linux (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	firmware-hdd-c4355d15c4-4ICSHPK4-5.1.x86_64.rpm	ET000750KWJTF	4ICSHPK4 (E)	4ICSHPK4	更新
450	Online NVMe SSD Flash Component for Linux (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	firmware-hdd-c4355d15c4-4ICSHPK4-5.1.x86_64.rpm	EO000375KWJUC	4ICSHPK4 (E)	4ICSHPK4	更新
451	Online NVMe SSD Flash Component for Linux (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	firmware-hdd-c4355d15c4-4ICSHPK4-5.1.x86_64.rpm	EO000750KWTXC	4ICSHPK4 (E)	4ICSHPK4	更新
452	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK5-3.1.x86_64.rpm	KCD6XVUL1T60	GPK5 (C)	GPK5	更新
453	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK5-3.1.x86_64.rpm	KCD6XVUL3T20	GPK5 (C)	GPK5	更新
454	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK5-3.1.x86_64.rpm	KCD6XVUL6T40	GPK5 (C)	GPK5	更新
455	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60,	firmware-hdd-6fc985bd3b-GPK5-3.1.x86_64.rpm	KCD6XVUL12T8	GPK5 (C)	GPK5	更新

	KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives					
456	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd- 6fc985bd3b-GPK5- 3.1.x86_64.rpm	KCD6XVUL800G	GPK5 (C)	GPK5	更新
457	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd- 6fc985bd3b-GPK5- 3.1.x86_64.rpm	KCD6XLUL1T92	GPK5 (C)	GPK5	更新
458	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd- 6fc985bd3b-GPK5- 3.1.x86_64.rpm	KCD6XLUL3T84	GPK5 (C)	GPK5	更新
459	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd- 6fc985bd3b-GPK5- 3.1.x86_64.rpm	KCD6XLUL7T68	GPK5 (C)	GPK5	更新
460	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84,	firmware-hdd- 6fc985bd3b-GPK5- 3.1.x86_64.rpm	KCD6XLUL15T3	GPK5 (C)	GPK5	更新

	KCD6XLUL7T68 and KCD6XLUL15T3 Drives					
461	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd- 6fc985bd3b-GPK5- 3.1.x86_64.rpm	KCD6XLUL960G	GPK5 (C)	GPK5	更新
462	Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	firmware-hdd- 1a541ed00d-GPK3- 3.1.x86_64.rpm	KCM6FRUL1T92	GPK3 (C)	GPK3	新規追加
463	Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	firmware-hdd- 1a541ed00d-GPK3- 3.1.x86_64.rpm	KCM6FRUL3T84	GPK3 (C)	GPK3	新規追加
464	Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	firmware-hdd- 1a541ed00d-GPK3- 3.1.x86_64.rpm	KCM6FVUL1T60	GPK3 (C)	GPK3	新規追加
465	Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	firmware-hdd- 1a541ed00d-GPK3- 3.1.x86_64.rpm	KCM6FVUL3T20	GPK3 (C)	GPK3	新規追加
466	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd- 3815d4b024-GPK5- 3.1.x86_64.rpm	KCM6XVUL800G	GPK5 (C)	GPK5	更新
467	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd- 3815d4b024-GPK5- 3.1.x86_64.rpm	KCM6XVUL1T60	GPK5 (C)	GPK5	更新
468	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92,	firmware-hdd- 3815d4b024-GPK5- 3.1.x86_64.rpm	KCM6XVUL3T20	GPK5 (C)	GPK5	更新

	KCM6XRUL3T84 and KCM6XRUL7T68 Drives					
469	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK5-3.1.x86_64.rpm	KCM6XVUL6T40	GPK5 (C)	GPK5	更新
470	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK5-3.1.x86_64.rpm	KCM6XRUL960G	GPK5 (C)	GPK5	更新
471	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK5-3.1.x86_64.rpm	KCM6XRUL1T92	GPK5 (C)	GPK5	更新
472	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK5-3.1.x86_64.rpm	KCM6XRUL3T84	GPK5 (C)	GPK5	更新
473	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK5-3.1.x86_64.rpm	KCM6XRUL7T68	GPK5 (C)	GPK5	更新
474	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-8.1.x86_64.rpm	LO0400KEFJQ	HPK4 (H)	HPK4	更新
475	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-8.1.x86_64.rpm	LO0800KEFJR	HPK4 (H)	HPK4	更新
476	Online NVMe SSD Flash Component for Linux (x64) -	firmware-hdd-d64642c780-HPK4-	LO1600KEFJT	HPK4 (H)	HPK4	更新

	LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	8.1.x86_64.rpm				
477	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-8.1.x86_64.rpm	LO2000KEFJU	HPK4 (H)	HPK4	更新
478	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-8.1.x86_64.rpm	LT0800KEXVA	HPK4 (H)	HPK4	更新
479	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-8.1.x86_64.rpm	LT1600KEXVB	HPK4 (H)	HPK4	更新
480	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-8.1.x86_64.rpm	LT2000KEXVC	HPK4 (H)	HPK4	更新
481	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-8.1.x86_64.rpm	VK001920KWDUH	HPK4 (H)	HPK4	更新
482	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-8.1.x86_64.rpm	MK001600KWDUN	HPK4 (H)	HPK4	更新
483	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-8.1.x86_64.rpm	VK000960KWDUF	HPK4 (H)	HPK4	更新
484	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-8.1.x86_64.rpm	MK000800KWDUL	HPK4 (H)	HPK4	更新
485	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF,	firmware-hdd-b45e49679c-HPK4-8.1.x86_64.rpm	VK000480KWDUE	HPK4 (H)	HPK4	更新

	MK001600KWDUN and VK001920KWDUH Drives					
486	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-8.1.x86_64.rpm	MK000400KWDUK	HPK4 (H)	HPK4	更新
487	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-8.1.x86_64.rpm	MK000800KWWFE	HPK3 (H)	HPK3	更新
488	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-8.1.x86_64.rpm	MK001600KWWFF	HPK3 (H)	HPK3	更新
489	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-8.1.x86_64.rpm	MK003200KWWFH	HPK3 (H)	HPK3	更新
490	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-8.1.x86_64.rpm	MK006400KWWFK	HPK3 (H)	HPK3	更新
491	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-8.1.x86_64.rpm	VK000960KWWFL	HPK3 (H)	HPK3	更新
492	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK,	firmware-hdd-54addf5312-HPK3-8.1.x86_64.rpm	VK001920KWWFN	HPK3 (H)	HPK3	更新

	VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives					
493	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd- 54addf5312-HPK3- 8.1.x86_64.rpm	VK003840KWWFP	HPK3 (H)	HPK3	更新
494	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd- 54addf5312-HPK3- 8.1.x86_64.rpm	VK007680KWWF Q	HPK3 (H)	HPK3	更新
495	Online NVMe SSD Flash Component for Linux (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd- cea219e4b1-HPK3- 5.1.x86_64.rpm	MO001600KVVN B	HPK3 (E)	HPK3	更新
496	Online NVMe SSD Flash Component for Linux (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd- cea219e4b1-HPK3- 5.1.x86_64.rpm	MO003200KVVN C	HPK3 (E)	HPK3	更新
497	Online NVMe SSD Flash Component for Linux (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd- cea219e4b1-HPK3- 5.1.x86_64.rpm	MO006400KVVN D	HPK3 (E)	HPK3	更新
498	Online NVMe SSD Flash Component for Linux (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd- cea219e4b1-HPK3- 5.1.x86_64.rpm	MT001600KWSTB	HPK3 (E)	HPK3	更新
499	Online NVMe SSD Flash Component for Linux (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd- cea219e4b1-HPK3- 5.1.x86_64.rpm	MT003200KWSTC	HPK3 (E)	HPK3	更新
500	Online NVMe SSD Flash Component for Linux (x64) -	firmware-hdd- cea219e4b1-HPK3-	MT006400KWSTD	HPK3 (E)	HPK3	更新

	MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	5.1.x86_64.rpm				
501	Online NVMe SSD Flash Component for Linux (x64) - MO001600KWZQP and MO003200KWZQQ Drives	firmware-hdd- 95b6ae2e85-HPK6- 2.1.x86_64.rpm	MO001600KWZQ P	HPK6 (B)	HPK6	更新
502	Online NVMe SSD Flash Component for Linux (x64) - MO001600KWZQP and MO003200KWZQQ Drives	firmware-hdd- 95b6ae2e85-HPK6- 2.1.x86_64.rpm	MO003200KWZQ Q	HPK6 (B)	HPK6	更新
503	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd- 2a5b65f157-HPK4- 8.1.x86_64.rpm	MO0400KEFHN	HPK4 (H)	HPK4	更新
504	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd- 2a5b65f157-HPK4- 8.1.x86_64.rpm	MO0800KEFHP	HPK4 (H)	HPK4	更新
505	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd- 2a5b65f157-HPK4- 8.1.x86_64.rpm	MO1600KEFHQ	HPK4 (H)	HPK4	更新
506	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd- 2a5b65f157-HPK4- 8.1.x86_64.rpm	MO2000KEFHR	HPK4 (H)	HPK4	更新
507	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd- 2a5b65f157-HPK4- 8.1.x86_64.rpm	MT0800KEXUU	HPK4 (H)	HPK4	更新
508	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd- 2a5b65f157-HPK4- 8.1.x86_64.rpm	MT1600KEXUV	HPK4 (H)	HPK4	更新
509	Online NVMe SSD Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and	firmware-hdd- 8e8ddc5265-HPK2- 3.1.x86_64.rpm	MT001600KWH A C	HPK2 (C)	HPK2	更新

	MT006400KWHAE Drives					
510	Online NVMe SSD Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	firmware-hdd-8e8ddc5265-HPK2-3.1.x86_64.rpm	MT003200KWHAD	HPK2 (C)	HPK2	更新
511	Online NVMe SSD Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	firmware-hdd-8e8ddc5265-HPK2-3.1.x86_64.rpm	MT006400KWHAE	HPK2 (C)	HPK2	更新
512	Online NVMe SSD Flash Component for Linux (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	firmware-hdd-6628fce235-EPK76H3Q-2.1.x86_64.rpm	MZPLJ1T6HBJR-000H3	EPK76H3Q (B)	EPK76H3Q	更新
513	Online NVMe SSD Flash Component for Linux (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	firmware-hdd-6628fce235-EPK76H3Q-2.1.x86_64.rpm	MZPLJ3T2HBJR-000H3	EPK76H3Q (B)	EPK76H3Q	更新
514	Online NVMe SSD Flash Component for Linux (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	firmware-hdd-6628fce235-EPK76H3Q-2.1.x86_64.rpm	MZPLJ6T4HALA-000H3	EPK76H3Q (B)	EPK76H3Q	更新
515	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-000H3 Driv	firmware-hdd-e320db791d-MPK76H5Q-2.1.x86_64.rpm	MZXL5800HBHQ-000H3	MPK76H5Q (B)	MPK76H5Q	更新
516	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-000H3 Driv	firmware-hdd-e320db791d-MPK76H5Q-2.1.x86_64.rpm	MZXL51T6HBJR-000H3	MPK76H5Q (B)	MPK76H5Q	更新
517	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-000H3 Driv	firmware-hdd-e320db791d-MPK76H5Q-2.1.x86_64.rpm	MZXL53T2HBLS-000H3	MPK76H5Q (B)	MPK76H5Q	更新
518	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3,	firmware-hdd-e320db791d-MPK76H5Q-2.1.x86_64.rpm	MZXL56T4HALA-000H3	MPK76H5Q (B)	MPK76H5Q	更新

	MZXL53T2HBL5-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBL5-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv					
519	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBL5-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBL5-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd- e320db791d- MPK76H5Q- 2.1.x86_64.rpm	MZXL512THALA- 000H3	MPK76H5Q (B)	MPK76H5Q	更新
520	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBL5-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBL5-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd- e320db791d- MPK76H5Q- 2.1.x86_64.rpm	MZXL5960HBHQ- 000H3	MPK76H5Q (B)	MPK76H5Q	更新
521	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBL5-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBL5-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd- e320db791d- MPK76H5Q- 2.1.x86_64.rpm	MZXL51T9HBJR- 000H3	MPK76H5Q (B)	MPK76H5Q	更新
522	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBL5-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBL5-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd- e320db791d- MPK76H5Q- 2.1.x86_64.rpm	MZXL53T8HBL5- 000H3	MPK76H5Q (B)	MPK76H5Q	更新
523	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBL5-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBL5-000H3,	firmware-hdd- e320db791d- MPK76H5Q- 2.1.x86_64.rpm	MZXL57T6HALA- 000H3	MPK76H5Q (B)	MPK76H5Q	更新

	MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv					
524	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd-e320db791d-MPK76H5Q-2.1.x86_64.rpm	MZXL515THALA-000H3	MPK76H5Q (B)	MPK76H5Q	更新
525	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK2-1.1.x86_64.rpm	VO000960KWUEA	HPK2	HPK2	新規追加
526	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK2-1.1.x86_64.rpm	VO001920KWUEB	HPK2	HPK2	新規追加
527	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK2-1.1.x86_64.rpm	VO003840KWUEC	HPK2	HPK2	新規追加
528	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK2-1.1.x86_64.rpm	VO007680KWUED	HPK2	HPK2	新規追加
529	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR,	firmware-hdd-726d5ec795-HPK2-1.1.x86_64.rpm	VO015360KWUEE	HPK2	HPK2	新規追加

	MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives					
530	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd- 726d5ec795-HPK2- 1.1.x86_64.rpm	MO000800KWUD R	HPK2	HPK2	新規追加
531	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd- 726d5ec795-HPK2- 1.1.x86_64.rpm	MO001600KWUD T	HPK2	HPK2	新規追加
532	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd- 726d5ec795-HPK2- 1.1.x86_64.rpm	MO003200KWUD U	HPK2	HPK2	新規追加
533	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd- 726d5ec795-HPK2- 1.1.x86_64.rpm	MO006400KWUD V	HPK2	HPK2	新規追加
534	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	firmware-hdd- a9843986b0-HPK2- 1.1.x86_64.rpm	VO000960KWVBR	HPK2	HPK2	新規追加
535	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	firmware-hdd- a9843986b0-HPK2- 1.1.x86_64.rpm	VO001920KWVBT	HPK2	HPK2	新規追加
536	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	firmware-hdd- a9843986b0-HPK2- 1.1.x86_64.rpm	VO003840KWVBU	HPK2	HPK2	新規追加
537	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP,	firmware-hdd- 035a863453-HPK3- 5.1.x86_64.rpm	VO000960KXAVL	HPK3 (E)	HPK3	更新

	VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives					
538	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd- 035a863453-HPK3- 5.1.x86_64.rpm	VO001920KXAVP	HPK3 (E)	HPK3	更新
539	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd- 035a863453-HPK3- 5.1.x86_64.rpm	VO003840KXAVQ	HPK3 (E)	HPK3	更新
540	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd- 035a863453-HPK3- 5.1.x86_64.rpm	VO007680KXAVR	HPK3 (E)	HPK3	更新
541	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd- 035a863453-HPK3- 5.1.x86_64.rpm	MO000800KXAVN	HPK3 (E)	HPK3	更新
542	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd- 035a863453-HPK3- 5.1.x86_64.rpm	MO001600KXAVT	HPK3 (E)	HPK3	更新
543	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd- 035a863453-HPK3- 5.1.x86_64.rpm	MO003200KXAVU	HPK3 (E)	HPK3	更新

544	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK3-5.1.x86_64.rpm	MO006400KXAVV	HPK3 (E)	HPK3	更新
545	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-4ICDHPK1-4.1.x86_64.rpm	VO001000KWJSE	4ICDHPK1 (D)	4ICDHPK1	更新
546	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-4ICDHPK1-4.1.x86_64.rpm	VO002000KWJSF	4ICDHPK1 (D)	4ICDHPK1	更新
547	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-4ICDHPK1-4.1.x86_64.rpm	VO004000KWJSH	4ICDHPK1 (D)	4ICDHPK1	更新
548	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-4ICDHPK1-4.1.x86_64.rpm	VT004000KWJSU	4ICDHPK1 (D)	4ICDHPK1	更新
549	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-4ICDHPK1-4.1.x86_64.rpm	MO001600KWJSN	4ICDHPK1 (D)	4ICDHPK1	更新
550	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-4ICDHPK1-4.1.x86_64.rpm	MO003200KWJSQ	4ICDHPK1 (D)	4ICDHPK1	更新
551	Online NVMe SSD Flash Component for Linux (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	firmware-hdd-fe9c474847-HPK3-5.1.x86_64.rpm	VO001920KWVMT	HPK3 (E)	HPK3	更新
552	Online NVMe SSD Flash Component for Linux (x64) - VO001920KWVMT,	firmware-hdd-fe9c474847-HPK3-5.1.x86_64.rpm	VO003840KWVMU	HPK3 (E)	HPK3	更新

	VO003840KWVMU, and VO007680KWVMV Drives					
553	Online NVMe SSD Flash Component for Linux (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	firmware-hdd-fe9c474847-HPK3-5.1.x86_64.rpm	VO007680KWVMV	HPK3 (E)	HPK3	更新
554	Online NVMe SSD Flash Component for Linux (x64) - VO001920KWZQR and VO003840KWZQT Drives	firmware-hdd-2af7385a1e-HPK6-2.1.x86_64.rpm	VO001920KWZQR	HPK6 (B)	HPK6	更新
555	Online NVMe SSD Flash Component for Linux (x64) - VO001920KWZQR and VO003840KWZQT Drives	firmware-hdd-2af7385a1e-HPK6-2.1.x86_64.rpm	VO003840KWZQT	HPK6 (B)	HPK6	更新
556	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cfea-4ICRHPK3-5.1.x86_64.rpm	VO002000KWVVC	4ICRHPK3 (E)	4ICRHPK3	更新
557	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cfea-4ICRHPK3-5.1.x86_64.rpm	VO004000KWVUR	4ICRHPK3 (E)	4ICRHPK3	更新
558	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cfea-4ICRHPK3-5.1.x86_64.rpm	MO001600KWVU U	4ICRHPK3 (E)	4ICRHPK3	更新
559	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cfea-4ICRHPK3-5.1.x86_64.rpm	MO003200KWVU V	4ICRHPK3 (E)	4ICRHPK3	更新
560	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cfea-4ICRHPK3-5.1.x86_64.rpm	MO006400KWVV A	4ICRHPK3 (E)	4ICRHPK3	更新
561	Online NVMe SSD Flash Component for Linux (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	firmware-hdd-9a826ccd8a-HPK4-8.1.x86_64.rpm	VO0400KEFJB	HPK4 (H)	HPK4	更新
562	Online NVMe SSD Flash Component for Linux (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	firmware-hdd-9a826ccd8a-HPK4-8.1.x86_64.rpm	VO1200KEFJC	HPK4 (H)	HPK4	更新
563	Online NVMe SSD Flash Component for Linux (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	firmware-hdd-9a826ccd8a-HPK4-8.1.x86_64.rpm	VO2000KEFJD	HPK4 (H)	HPK4	更新
564	Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ,	firmware-hdd-95a2e5abcb-HPK4-8.1.x86_64.rpm	VS000480KWDUP	HPK4 (H)	HPK4	更新

	MS000400KWDUR and MS000800KWDUT Drives					
565	Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	firmware-hdd-95a2e5abcb-HPK4-8.1.x86_64.rpm	VS000960KWDUQ	HPK4 (H)	HPK4	更新
566	Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	firmware-hdd-95a2e5abcb-HPK4-8.1.x86_64.rpm	MS000400KWDUR	HPK4 (H)	HPK4	更新
567	Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	firmware-hdd-95a2e5abcb-HPK4-8.1.x86_64.rpm	MS000800KWDUT	HPK4 (H)	HPK4	更新
568	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7e9c-85032G00-3.1.x86_64.rpm	VS003840KWXFQ	85032G00 (C)	85032G00	更新
569	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7e9c-85032G00-3.1.x86_64.rpm	VS000960KWXFN	85032G00 (C)	85032G00	更新
570	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7e9c-85032G00-3.1.x86_64.rpm	VS001920KWXFP	85032G00 (C)	85032G00	更新
571	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7e9c-85032G00-3.1.x86_64.rpm	VS000480KXALB	85032G00 (C)	85032G00	更新
572	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7625Q-2.1.x86_64.rpm	MZXLR800HBHQ-000H3	MPK7625Q (B)	MPK7625Q	新規追加
573	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3,	firmware-hdd-951aefd63e-MPK7625Q-2.1.x86_64.rpm	MZXLR1T6HBJR-000H3	MPK7625Q (B)	MPK7625Q	新規追加

	MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv					
574	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7625Q-2.1.x86_64.rpm	MZXLR3T2HBLS-000H3	MPK7625Q (B)	MPK7625Q	新規追加
575	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7625Q-2.1.x86_64.rpm	MZXLR6T4HALA-000H3	MPK7625Q (B)	MPK7625Q	新規追加
576	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7625Q-2.1.x86_64.rpm	MZXLR12THALA-000H3	MPK7625Q (B)	MPK7625Q	新規追加
577	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7625Q-2.1.x86_64.rpm	MZXLR960HBHQ-000H3	MPK7625Q (B)	MPK7625Q	新規追加
578	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7625Q-2.1.x86_64.rpm	MZXLR1T9HBJR-000H3	MPK7625Q (B)	MPK7625Q	新規追加
579	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3,	firmware-hdd-951aefd63e-MPK7625Q-2.1.x86_64.rpm	MZXLR3T8HBLS-000H3	MPK7625Q (B)	MPK7625Q	新規追加

	MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv					
580	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd- 951aefd63e- MPK7625Q- 2.1.x86_64.rpm	MZXLR7T6HALA- 000H3	MPK7625Q (B)	MPK7625Q	新規追加
581	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd- 951aefd63e- MPK7625Q- 2.1.x86_64.rpm	MZXLR15THALA- 000H3	MPK7625Q (B)	MPK7625Q	新規追加
582	Online NVMe SSD Flash Component for VMware ESXi - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	CP052920.zip	ET000750KWJTF	4ICSHPK4 (C)	4ICSHPK4	更新
583	Online NVMe SSD Flash Component for VMware ESXi - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	CP052920.zip	EO000375KWJUC	4ICSHPK4 (C)	4ICSHPK4	更新
584	Online NVMe SSD Flash Component for VMware ESXi - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	CP052920.zip	EO000750KWTXC	4ICSHPK4 (C)	4ICSHPK4	更新
585	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP053199.zip	KCD6XVUL800G	GPK5 (B)	GPK5	更新
586	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8,	CP053199.zip	KCD6XVUL1T60	GPK5 (B)	GPK5	更新

	KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives					
587	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP053199.zip	KCD6XVUL3T20	GPK5 (B)	GPK5	更新
588	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP053199.zip	KCD6XVUL6T40	GPK5 (B)	GPK5	更新
589	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP053199.zip	KCD6XVUL12T8	GPK5 (B)	GPK5	更新
590	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP053199.zip	KCD6XLUL960G	GPK5 (B)	GPK5	更新
591	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP053199.zip	KCD6XLUL1T92	GPK5 (B)	GPK5	更新
592	Online NVMe SSD Flash	CP053199.zip	KCD6XLUL3T84	GPK5 (B)	GPK5	更新

	Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives					
593	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP053199.zip	KCD6XLUL7T68	GPK5 (B)	GPK5	更新
594	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP053199.zip	KCD6XLUL15T3	GPK5 (B)	GPK5	更新
595	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP053201.zip	KCM6FRUL1T92	GPK3 (B)	GPK3	新規追加
596	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP053201.zip	KCM6FRUL3T84	GPK3 (B)	GPK3	新規追加
597	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP053201.zip	KCM6FVUL1T60	GPK3 (B)	GPK3	新規追加
598	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP053201.zip	KCM6FVUL3T20	GPK3 (B)	GPK3	新規追加
599	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G,	CP053200.zip	KCM6XVUL800G	GPK5 (B)	GPK5	更新

	KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives					
600	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP053200.zip	KCM6XVUL1T60	GPK5 (B)	GPK5	更新
601	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP053200.zip	KCM6XVUL3T20	GPK5 (B)	GPK5	更新
602	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP053200.zip	KCM6XVUL6T40	GPK5 (B)	GPK5	更新
603	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP053200.zip	KCM6XRUL960G	GPK5 (B)	GPK5	更新
604	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP053200.zip	KCM6XRUL1T92	GPK5 (B)	GPK5	更新
605	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP053200.zip	KCM6XRUL3T84	GPK5 (B)	GPK5	更新
606	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G,	CP053200.zip	KCM6XRUL7T68	GPK5 (B)	GPK5	更新

	KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives					
607	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP052632.zip	LO0400KEFJQ	HPK4 (F)	HPK4	更新
608	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP052632.zip	LO0800KEFJR	HPK4 (F)	HPK4	更新
609	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP052632.zip	LO1600KEFJT	HPK4 (F)	HPK4	更新
610	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP052632.zip	LO2000KEFJU	HPK4 (F)	HPK4	更新
611	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP052632.zip	LT0800KEXVA	HPK4 (F)	HPK4	更新
612	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP052632.zip	LT1600KEXVB	HPK4 (F)	HPK4	更新
613	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP052632.zip	LT2000KEXVC	HPK4 (F)	HPK4	更新
614	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	CP052913.zip	MK000400KWDU K	HPK4 (H)	HPK4	更新
615	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	CP052913.zip	VK000480KWDUE	HPK4 (H)	HPK4	更新
616	Online NVMe SSD Flash	CP052913.zip	MK000800KWDU	HPK4 (H)	HPK4	更新

	Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives		L			
617	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	CP052913.zip	VK000960KWDUF	HPK4 (H)	HPK4	更新
618	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	CP052913.zip	MK001600KWDUN	HPK4 (H)	HPK4	更新
619	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	CP052913.zip	VK001920KWDUH	HPK4 (H)	HPK4	更新
620	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP052918.zip	MK000800KWWFE	HPK3 (D)	HPK3	更新
621	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP052918.zip	MK001600KWWFF	HPK3 (D)	HPK3	更新
622	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP052918.zip	MK003200KWWFH	HPK3 (D)	HPK3	更新
623	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH,	CP052918.zip	MK006400KWWFK	HPK3 (D)	HPK3	更新

	MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives					
624	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP052918.zip	VK000960KWWFL	HPK3 (D)	HPK3	更新
625	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP052918.zip	VK001920KWWFN	HPK3 (D)	HPK3	更新
626	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP052918.zip	VK003840KWWFP	HPK3 (D)	HPK3	更新
627	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP052918.zip	VK007680KWWFQ	HPK3 (D)	HPK3	更新
628	Online NVMe SSD Flash Component for VMware ESXi - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP052915.zip	MO001600KVVNB	HPK3 (C)	HPK3	更新
629	Online NVMe SSD Flash Component for VMware ESXi - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP052915.zip	MO003200KVVNC	HPK3 (C)	HPK3	更新
630	Online NVMe SSD Flash Component for VMware ESXi - MO001600KVVNB, MO003200KVVNC, MO006400KVVND,	CP052915.zip	MO006400KVVND	HPK3 (C)	HPK3	更新

	MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives					
631	Online NVMe SSD Flash Component for VMware ESXi - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP052915.zip	MT001600KWSTB	HPK3 (C)	HPK3	更新
632	Online NVMe SSD Flash Component for VMware ESXi - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP052915.zip	MT003200KWSTC	HPK3 (C)	HPK3	更新
633	Online NVMe SSD Flash Component for VMware ESXi - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP052915.zip	MT006400KWSTD	HPK3 (C)	HPK3	更新
634	Online NVMe SSD Flash Component for VMware ESXi - MO001600KWZQP and MO003200KWZQQ Drives	CP053212.zip	MO001600KWZQ P	HPK6 (B)	HPK6	更新
635	Online NVMe SSD Flash Component for VMware ESXi - MO001600KWZQP and MO003200KWZQQ Drives	CP053212.zip	MO003200KWZQ Q	HPK6 (B)	HPK6	更新
636	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP052911.zip	MO0400KEFHN	HPK4 (F)	HPK4	更新
637	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP052911.zip	MO0800KEFHP	HPK4 (F)	HPK4	更新
638	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP052911.zip	MO1600KEFHQ	HPK4 (F)	HPK4	更新
639	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and	CP052911.zip	MO2000KEFHR	HPK4 (F)	HPK4	更新

	MT1600KEXUV Drives					
640	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP052911.zip	MT0800KEXUU	HPK4 (F)	HPK4	更新
641	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP052911.zip	MT1600KEXUV	HPK4 (F)	HPK4	更新
642	Online NVMe SSD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	CP051649.zip	MT001600KWHAC	HPK2 (B)	HPK2	更新
643	Online NVMe SSD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	CP051649.zip	MT003200KWHAD	HPK2 (B)	HPK2	更新
644	Online NVMe SSD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	CP051649.zip	MT006400KWHAE	HPK2 (B)	HPK2	更新
645	Online NVMe SSD Flash Component for VMware ESXi - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	CP053211.zip	MZPLJ1T6HBJR-000H3	EPK76H3Q (B)	EPK76H3Q	更新
646	Online NVMe SSD Flash Component for VMware ESXi - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	CP053211.zip	MZPLJ3T2HBJR-000H3	EPK76H3Q (B)	EPK76H3Q	更新
647	Online NVMe SSD Flash Component for VMware ESXi - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	CP053211.zip	MZPLJ6T4HALA-000H3	EPK76H3Q (B)	EPK76H3Q	更新
648	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-000H3 Driv	CP053208.zip	MZXL5800HBHQ-000H3	MPK76H5Q (B)	MPK76H5Q	更新
649	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3,	CP053208.zip	MZXL51T6HBJR-000H3	MPK76H5Q (B)	MPK76H5Q	更新

	MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv					
650	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP053208.zip	MZXL53T2HBLS- 000H3	MPK76H5Q (B)	MPK76H5Q	更新
651	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP053208.zip	MZXL56T4HALA- 000H3	MPK76H5Q (B)	MPK76H5Q	更新
652	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP053208.zip	MZXL5960HBHQ- 000H3	MPK76H5Q (B)	MPK76H5Q	更新
653	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP053208.zip	MZXL51T9HBJR- 000H3	MPK76H5Q (B)	MPK76H5Q	更新
654	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP053208.zip	MZXL53T8HBLS- 000H3	MPK76H5Q (B)	MPK76H5Q	更新
655	Online NVMe SSD Flash	CP053208.zip	MZXL57T6HALA-	MPK76H5Q	MPK76H5Q	更新

	Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv		000H3	(B)		
656	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP053208.zip	MZXL515THALA-000H3	MPK76H5Q (B)	MPK76H5Q	更新
657	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP053208.zip	MZXL512THALA-000H3	MPK76H5Q (B)	MPK76H5Q	更新
658	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053209.zip	MZXLR800HBHQ-000H3	MPK7625Q (B)	MPK7625Q	新規追加
659	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053209.zip	MZXLR1T6HBJR-000H3	MPK7625Q (B)	MPK7625Q	新規追加
660	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3,	CP053209.zip	MZXLR3T2HBLS-000H3	MPK7625Q (B)	MPK7625Q	新規追加

	MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv					
661	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053209.zip	MZXLR6T4HALA- 000H3	MPK7625Q (B)	MPK7625Q	新規追加
662	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053209.zip	MZXLR12THALA- 000H3	MPK7625Q (B)	MPK7625Q	新規追加
663	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053209.zip	MZXLR960HBHQ- 000H3	MPK7625Q (B)	MPK7625Q	新規追加
664	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053209.zip	MZXLR1T9HBJR- 000H3	MPK7625Q (B)	MPK7625Q	新規追加
665	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053209.zip	MZXLR3T8HBLS- 000H3	MPK7625Q (B)	MPK7625Q	新規追加
666	Online NVMe SSD Flash	CP053209.zip	MZXLR7T6HALA-	MPK7625Q	MPK7625Q	新規追加

	Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv		000H3	(B)		
667	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053209.zip	MZXLR15THALA-000H3	MPK7625Q (B)	MPK7625Q	新規追加
668	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP053356.zip	VO000960KWUEA	HPK2	HPK2	新規追加
669	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP053356.zip	VO001920KWUEB	HPK2	HPK2	新規追加
670	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP053356.zip	VO003840KWUEC	HPK2	HPK2	新規追加
671	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and	CP053356.zip	VO007680KWUED	HPK2	HPK2	新規追加

	MO006400KWUDV Drives					
672	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP053356.zip	VO015360KWUEE	HPK2	HPK2	新規追加
673	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP053356.zip	MO000800KWUDR	HPK2	HPK2	新規追加
674	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP053356.zip	MO001600KWUDT	HPK2	HPK2	新規追加
675	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP053356.zip	MO003200KWUDU	HPK2	HPK2	新規追加
676	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP053356.zip	MO006400KWUDV	HPK2	HPK2	新規追加
677	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	CP053348.zip	VO000960KWVBR	HPK2	HPK2	新規追加
678	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	CP053348.zip	VO001920KWVBT	HPK2	HPK2	新規追加

679	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	CP053348.zip	VO003840KWVBU	HPK2	HPK2	新規追加
680	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP053460.zip	VO000960KXAVL	HPK3 (C)	HPK3	更新
681	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP053460.zip	VO001920KXAVP	HPK3 (C)	HPK3	更新
682	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP053460.zip	VO003840KXAVQ	HPK3 (C)	HPK3	更新
683	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP053460.zip	VO007680KXAVR	HPK3 (C)	HPK3	更新
684	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP053460.zip	MO000800KXAVN	HPK3 (C)	HPK3	更新
685	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP053460.zip	MO001600KXAVT	HPK3 (C)	HPK3	更新
686	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP053460.zip	MO003200KXAVU	HPK3 (C)	HPK3	更新

	Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives					
687	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP053460.zip	MO006400KXAVV	HPK3 (C)	HPK3	更新
688	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP052916.zip	VO001000KWJSE	4ICDHPK1 (C)	4ICDHPK1	更新
689	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP052916.zip	VO002000KWJSF	4ICDHPK1 (C)	4ICDHPK1	更新
690	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP052916.zip	VO004000KWJSH	4ICDHPK1 (C)	4ICDHPK1	更新
691	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP052916.zip	VT004000KWJSU	4ICDHPK1 (C)	4ICDHPK1	更新
692	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP052916.zip	MO001600KWJSN	4ICDHPK1 (C)	4ICDHPK1	更新
693	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and	CP052916.zip	MO003200KWJSQ	4ICDHPK1 (C)	4ICDHPK1	更新

	MO003200KWSQ Drives					
694	Online NVMe SSD Flash Component for VMware ESXi - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	CP052917.zip	VO001920KWVMT	HPK3 (C)	HPK3	更新
695	Online NVMe SSD Flash Component for VMware ESXi - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	CP052917.zip	VO003840KWVMU	HPK3 (C)	HPK3	更新
696	Online NVMe SSD Flash Component for VMware ESXi - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	CP052917.zip	VO007680KWVMV	HPK3 (C)	HPK3	更新
697	Online NVMe SSD Flash Component for VMware ESXi - VO001920KWZQR and VO003840KWZQT Drives	CP053210.zip	VO001920KWZQR	HPK6 (B)	HPK6	更新
698	Online NVMe SSD Flash Component for VMware ESXi - VO001920KWZQR and VO003840KWZQT Drives	CP053210.zip	VO003840KWZQT	HPK6 (B)	HPK6	更新
699	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP052919.zip	VO002000KWVVC	4ICRHPK3 (C)	4ICRHPK3	更新
700	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP052919.zip	VO004000KWVUR	4ICRHPK3 (C)	4ICRHPK3	更新
701	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP052919.zip	MO001600KWVUU	4ICRHPK3 (C)	4ICRHPK3	更新
702	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP052919.zip	MO003200KWVUV	4ICRHPK3 (C)	4ICRHPK3	更新
703	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP052919.zip	MO006400KWVVA	4ICRHPK3 (C)	4ICRHPK3	更新
704	Online NVMe SSD Flash Component for VMware ESXi - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	CP052912.zip	VO0400KEFJB	HPK4 (F)	HPK4	更新
705	Online NVMe SSD Flash Component for VMware ESXi - VO0400KEFJB, VO1200KEFJC	CP052912.zip	VO1200KEFJC	HPK4 (F)	HPK4	更新

	and VO2000KEFJD Drives					
706	Online NVMe SSD Flash Component for VMware ESXi - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	CP052912.zip	VO2000KEFJD	HPK4 (F)	HPK4	更新
707	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	CP052914.zip	VS000480KWDUP	HPK4 (F)	HPK4	更新
708	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	CP052914.zip	VS000960KWDUQ	HPK4 (F)	HPK4	更新
709	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	CP052914.zip	MS000400KWDUR	HPK4 (F)	HPK4	更新
710	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	CP052914.zip	MS000800KWDUT	HPK4 (F)	HPK4	更新
711	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWAFP and VS003840KWAFQ Drives	CP049351.zip	VS003840KWAFQ	85032G00	85032G00	
712	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWAFP and VS003840KWAFQ Drives	CP049351.zip	VS001920KWAFP	85032G00	85032G00	
713	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWAFP and VS003840KWAFQ Drives	CP049351.zip	VS000960KWXFN	85032G00	85032G00	
714	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWAFP and VS003840KWAFQ Drives	CP049351.zip	VS000480KXALB	85032G00	85032G00	
715	Online NVMe SSD Flash Component for Windows (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	cp052729.exe	ET000750KWJTF	4ICSHPK4 (C)	4ICSHPK4	更新
716	Online NVMe SSD Flash Component for Windows (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	cp052729.exe	EO000375KWJUC	4ICSHPK4 (C)	4ICSHPK4	更新
717	Online NVMe SSD Flash Component for Windows (x64) - ET000750KWJTF,	cp052729.exe	EO000750KWTXC	4ICSHPK4 (C)	4ICSHPK4	更新

	EO000750KWTXC and EO000375KWJUC Drives					
718	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp052790.exe	KCD6XVUL800G	GPK5 (B)	GPK5	更新
719	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp052790.exe	KCD6XVUL1T60	GPK5 (B)	GPK5	更新
720	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp052790.exe	KCD6XVUL3T20	GPK5 (B)	GPK5	更新
721	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp052790.exe	KCD6XVUL6T40	GPK5 (B)	GPK5	更新
722	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp052790.exe	KCD6XVUL12T8	GPK5 (B)	GPK5	更新
723	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60,	cp052790.exe	KCD6XLUL960G	GPK5 (B)	GPK5	更新

	KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives					
724	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp052790.exe	KCD6XLUL1T92	GPK5 (B)	GPK5	更新
725	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp052790.exe	KCD6XLUL3T84	GPK5 (B)	GPK5	更新
726	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp052790.exe	KCD6XLUL7T68	GPK5 (B)	GPK5	更新
727	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp052790.exe	KCD6XLUL15T3	GPK5 (B)	GPK5	更新
728	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	cp052789.exe	KCM6FRUL1T92	GPK3 (B)	GPK3	新規追加
729	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84,	cp052789.exe	KCM6FRUL3T84	GPK3 (B)	GPK3	新規追加

	KCM6FVUL1T60 and KCM6FVUL3T20 Drives					
730	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	cp052789.exe	KCM6FVUL1T60	GPK3 (B)	GPK3	新規追加
731	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	cp052789.exe	KCM6FVUL3T20	GPK3 (B)	GPK3	新規追加
732	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp052791.exe	KCM6XVUL800G	GPK5 (B)	GPK5	更新
733	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp052791.exe	KCM6XVUL1T60	GPK5 (B)	GPK5	更新
734	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp052791.exe	KCM6XVUL3T20	GPK5 (B)	GPK5	更新
735	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp052791.exe	KCM6XVUL6T40	GPK5 (B)	GPK5	更新
736	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp052791.exe	KCM6XRUL960G	GPK5 (B)	GPK5	更新
737	Online NVMe SSD Flash Component for Windows	cp052791.exe	KCM6XRUL1T92	GPK5 (B)	GPK5	更新

	(x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives					
738	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp052791.exe	KCM6XRUL3T84	GPK5 (B)	GPK5	更新
739	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp052791.exe	KCM6XRUL7T68	GPK5 (B)	GPK5	更新
740	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp052111.exe	LO0400KEFJQ	HPK4 (E)	HPK4	更新
741	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp052111.exe	LO0800KEFJR	HPK4 (E)	HPK4	更新
742	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp052111.exe	LO1600KEFJT	HPK4 (E)	HPK4	更新
743	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp052111.exe	LO2000KEFJU	HPK4 (E)	HPK4	更新
744	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp052111.exe	LT0800KEXVA	HPK4 (E)	HPK4	更新
745	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ,	cp052111.exe	LT1600KEXVB	HPK4 (E)	HPK4	更新

	LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives					
746	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp052111.exe	LT2000KEXVC	HPK4 (E)	HPK4	更新
747	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp053011.exe	VK001920KWDUH	HPK4 (E)	HPK4	更新
748	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp053011.exe	MK001600KWDUN	HPK4 (E)	HPK4	更新
749	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp053011.exe	VK000960KWDUF	HPK4 (E)	HPK4	更新
750	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp053011.exe	MK000800KWDUL	HPK4 (E)	HPK4	更新
751	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp053011.exe	VK000480KWDUE	HPK4 (E)	HPK4	更新
752	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp053011.exe	MK000400KWDUK	HPK4 (E)	HPK4	更新
753	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL,	cp052108.exe	MK000800KWWFE	HPK3 (D)	HPK3	更新

	VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives					
754	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp052108.exe	MK001600KWWF F	HPK3 (D)	HPK3	更新
755	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp052108.exe	MK003200KWWF H	HPK3 (D)	HPK3	更新
756	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp052108.exe	MK006400KWWF K	HPK3 (D)	HPK3	更新
757	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp052108.exe	VK000960KWWFL	HPK3 (D)	HPK3	更新
758	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp052108.exe	VK001920KWWF N	HPK3 (D)	HPK3	更新
759	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp052108.exe	VK003840KWWFP	HPK3 (D)	HPK3	更新
760	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE,	cp052108.exe	VK007680KWWF Q	HPK3 (D)	HPK3	更新

	MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives					
761	Online NVMe SSD Flash Component for Windows (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp053013.exe	MO001600KVVN B	HPK3 (C)	HPK3	更新
762	Online NVMe SSD Flash Component for Windows (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp053013.exe	MO003200KVVN C	HPK3 (C)	HPK3	更新
763	Online NVMe SSD Flash Component for Windows (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp053013.exe	MO006400KVVN D	HPK3 (C)	HPK3	更新
764	Online NVMe SSD Flash Component for Windows (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp053013.exe	MT001600KWSTB	HPK3 (C)	HPK3	更新
765	Online NVMe SSD Flash Component for Windows (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp053013.exe	MT003200KWSTC	HPK3 (C)	HPK3	更新
766	Online NVMe SSD Flash Component for Windows (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp053013.exe	MT006400KWSTD	HPK3 (C)	HPK3	更新
767	Online NVMe SSD Flash Component for Windows (x64) - MO001600KWZQP and MO003200KWZQQ Drives	cp053101.exe	MO001600KWZQ P	HPK6 (B)	HPK6	更新
768	Online NVMe SSD Flash Component for Windows (x64) - MO001600KWZQP and MO003200KWZQQ Drives	cp053101.exe	MO003200KWZQ Q	HPK6 (B)	HPK6	更新
769	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN,	cp052112.exe	MO0400KEFHN	HPK4 (E)	HPK4	更新

	MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives					
770	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp052112.exe	MO0800KEFHP	HPK4 (E)	HPK4	更新
771	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp052112.exe	MO1600KEFHQ	HPK4 (E)	HPK4	更新
772	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp052112.exe	MO2000KEFHR	HPK4 (E)	HPK4	更新
773	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp052112.exe	MT0800KEXUU	HPK4 (E)	HPK4	更新
774	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp052112.exe	MT1600KEXUV	HPK4 (E)	HPK4	更新
775	Online NVMe SSD Flash Component for Windows (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	cp053105.exe	MT001600KWHAC	HPK2 (B)	HPK2	更新
776	Online NVMe SSD Flash Component for Windows (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	cp053105.exe	MT003200KWHAD	HPK2 (B)	HPK2	更新
777	Online NVMe SSD Flash Component for Windows (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	cp053105.exe	MT006400KWHAE	HPK2 (B)	HPK2	更新
778	Online NVMe SSD Flash Component for Windows (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	cp052105.exe	MZPLJ1T6HBJR-000H3	EPK76H3Q (B)	EPK76H3Q	更新
779	Online NVMe SSD Flash	cp052105.exe	MZPLJ3T2HBJR-	EPK76H3Q	EPK76H3Q	更新

	Component for Windows (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives		000H3	(B)		
780	Online NVMe SSD Flash Component for Windows (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	cp052105.exe	MZPLJ6T4HALA-000H3	EPK76H3Q (B)	EPK76H3Q	更新
781	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL5800HBHQ-000H3	MPK76H5Q (B)	MPK76H5Q	更新
782	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL51T6HBJR-000H3	MPK76H5Q (B)	MPK76H5Q	更新
783	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL53T2HBLS-000H3	MPK76H5Q (B)	MPK76H5Q	更新
784	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL56T4HALA-000H3	MPK76H5Q (B)	MPK76H5Q	更新
785	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-	cp052109.exe	MZXL512THALA-000H3	MPK76H5Q (B)	MPK76H5Q	更新

	000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive					
786	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL5960HBHQ-000H3	MPK76H5Q (B)	MPK76H5Q	更新
787	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL51T9HBJR-000H3	MPK76H5Q (B)	MPK76H5Q	更新
788	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL53T8HBLS-000H3	MPK76H5Q (B)	MPK76H5Q	更新
789	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL57T6HALA-000H3	MPK76H5Q (B)	MPK76H5Q	更新
790	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-	cp052109.exe	MZXL515THALA-000H3	MPK76H5Q (B)	MPK76H5Q	更新

	000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive					
791	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp053100.exe	MZXLR800HBHQ-000H3	MPK7625Q (B)	MPK7625Q	新規追加
792	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp053100.exe	MZXLR1T6HBJR-000H3	MPK7625Q (B)	MPK7625Q	新規追加
793	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp053100.exe	MZXLR3T2HBLS-000H3	MPK7625Q (B)	MPK7625Q	新規追加
794	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp053100.exe	MZXLR6T4HALA-000H3	MPK7625Q (B)	MPK7625Q	新規追加
795	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-	cp053100.exe	MZXLR12THALA-000H3	MPK7625Q (B)	MPK7625Q	新規追加

	000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive					
796	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp053100.exe	MZXLR960HBHQ-000H3	MPK7625Q (B)	MPK7625Q	新規追加
797	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp053100.exe	MZXLR1T9HBJR-000H3	MPK7625Q (B)	MPK7625Q	新規追加
798	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp053100.exe	MZXLR3T8HBLS-000H3	MPK7625Q (B)	MPK7625Q	新規追加
799	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp053100.exe	MZXLR7T6HALA-000H3	MPK7625Q (B)	MPK7625Q	新規追加
800	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-	cp053100.exe	MZXLR15THALA-000H3	MPK7625Q (B)	MPK7625Q	新規追加

	000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive					
801	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	VO000960KWUEA	HPK2	HPK2	新規追加
802	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	VO001920KWUEB	HPK2	HPK2	新規追加
803	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	VO003840KWUEC	HPK2	HPK2	新規追加
804	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	VO007680KWUED	HPK2	HPK2	新規追加
805	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	VO015360KWUEE	HPK2	HPK2	新規追加
806	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED,	cp053357.exe	MO000800KWUDR	HPK2	HPK2	新規追加

	VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives					
807	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	MO001600KWUD T	HPK2	HPK2	新規追加
808	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	MO003200KWUD U	HPK2	HPK2	新規追加
809	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	MO006400KWUD V	HPK2	HPK2	新規追加
810	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	cp053354.exe	VO000960KWVBR	HPK2	HPK2	新規追加
811	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	cp053354.exe	VO001920KWVBT	HPK2	HPK2	新規追加
812	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	cp053354.exe	VO003840KWVBU	HPK2	HPK2	新規追加
813	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp052783.exe	VO000960KXAVL	HPK3 (C)	HPK3	更新
814	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL,	cp052783.exe	VO001920KXAVP	HPK3 (C)	HPK3	更新

	VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives					
815	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp052783.exe	VO003840KXAVQ	HPK3 (C)	HPK3	更新
816	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp052783.exe	VO007680KXAVR	HPK3 (C)	HPK3	更新
817	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp052783.exe	MO000800KXAVN	HPK3 (C)	HPK3	更新
818	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp052783.exe	MO001600KXAVT	HPK3 (C)	HPK3	更新
819	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp052783.exe	MO003200KXAVU	HPK3 (C)	HPK3	更新
820	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and	cp052783.exe	MO006400KXAVV	HPK3 (C)	HPK3	更新

	MO006400KXAVV Drives					
821	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp052106.exe	VO001000KWJSE	4ICDHPK1 (C)	4ICDHPK1	更新
822	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp052106.exe	VO002000KWJSF	4ICDHPK1 (C)	4ICDHPK1	更新
823	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp052106.exe	VO004000KWJSH	4ICDHPK1 (C)	4ICDHPK1	更新
824	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp052106.exe	VT004000KWJSU	4ICDHPK1 (C)	4ICDHPK1	更新
825	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp052106.exe	MO001600KWJSN	4ICDHPK1 (C)	4ICDHPK1	更新
826	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp052106.exe	MO003200KWJSQ	4ICDHPK1 (C)	4ICDHPK1	更新
827	Online NVMe SSD Flash Component for Windows (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	cp052107.exe	VO001920KWVMT	HPK3 (C)	HPK3	更新
828	Online NVMe SSD Flash Component for Windows (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	cp052107.exe	VO003840KWVMU	HPK3 (C)	HPK3	更新
829	Online NVMe SSD Flash Component for Windows (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	cp052107.exe	VO007680KWVMV	HPK3 (C)	HPK3	更新
830	Online NVMe SSD Flash Component for Windows	cp053102.exe	VO001920KWZQR	HPK6 (B)	HPK6	更新

	(x64) - VO001920KWZQR and VO003840KWZQT Drives					
831	Online NVMe SSD Flash Component for Windows (x64) - VO001920KWZQR and VO003840KWZQT Drives	cp053102.exe	VO003840KWZQT	HPK6 (B)	HPK6	更新
832	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp052731.exe	VO002000KWVVC	4ICRHPK3 (C)	4ICRHPK3	更新
833	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp052731.exe	VO004000KWVUR	4ICRHPK3 (C)	4ICRHPK3	更新
834	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp052731.exe	MO001600KWVU U	4ICRHPK3 (C)	4ICRHPK3	更新
835	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp052731.exe	MO003200KWVU V	4ICRHPK3 (C)	4ICRHPK3	更新
836	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp052731.exe	MO006400KWVV A	4ICRHPK3 (C)	4ICRHPK3	更新
837	Online NVMe SSD Flash Component for Windows (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	cp053010.exe	VO0400KEFJB	HPK4 (E)	HPK4	更新
838	Online NVMe SSD Flash Component for Windows (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	cp053010.exe	VO1200KEFJC	HPK4 (E)	HPK4	更新
839	Online NVMe SSD Flash Component for Windows (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	cp053010.exe	VO2000KEFJD	HPK4 (E)	HPK4	更新
840	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	cp053012.exe	VS000480KWDUP	HPK4 (E)	HPK4	更新
841	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ,	cp053012.exe	VS000960KWDUQ	HPK4 (E)	HPK4	更新

	MS000400KWDUR and MS000800KWDUT Drives					
842	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	cp053012.exe	MS000400KWDUR	HPK4 (E)	HPK4	更新
843	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	cp053012.exe	MS000800KWDUT	HPK4 (E)	HPK4	更新
844	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWAFP and VS000960KWAFN drives	cp050167.exe	VS000480KXALB	85032G00 (B)	85032G00	
845	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWAFP and VS000960KWAFN drives	cp050167.exe	VS000960KWAFN	85032G00 (B)	85032G00	
846	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWAFP and VS000960KWAFN drives	cp050167.exe	VS001920KWAFP	85032G00 (B)	85032G00	
847	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWAFP and VS000960KWAFN drives	cp050167.exe	VS003840KWXFQ	85032G00 (B)	85032G00	

6.2.13 Firmware - Power Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
848	Online Flash for Windows x64 - Innovation Engine Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	cp053969.exe	Innovation Engine (IE) Firmware	0.2.3.0 (B)	0.2.3.0	更新
849	Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	firmware-powerpic-1.0.8-2.1.x86_64.rpm	Gen10 Plus Power Management Controller Firmware	1.0.8 (B)	1.0.8	更新
850	Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	cp053975.exe	Gen10 Plus Power Management Controller Firmware	1.0.8 (B)	1.0.8	更新
851	Online ROM Flash for	cp053858.exe	Innovation Engine	1.0.0.22 (B)	1.0.0.22	更新

	Windows x64 - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors		(IE) Firmware			
852	ROM Flash Firmware Package - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	PICFW-1.0.8-1.fwpgk	Gen10 Plus Power Management Controller Firmware	1.0.8 (B)	1.0.8	

6.2.14 Firmware - SAS Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
853	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWBHR Drive	firmware-hdd-2e4c61fc63-HPD5-4.1.x86_64.rpm	EG000300JWBHR	HPD5 (D)	HPD5	更新
854	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWFVB Drive	firmware-hdd-c5cd837c29-HPD3-4.1.x86_64.rpm	EG000300JWFVB	HPD3 (D)	HPD3	更新
855	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	firmware-hdd-24fe569b72-HPD5-3.1.x86_64.rpm	EG000300JWSJP	HPD5 (C)	HPD5	更新
856	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	firmware-hdd-24fe569b72-HPD5-3.1.x86_64.rpm	EG000600JWJNH	HPD5 (C)	HPD5	更新
857	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	firmware-hdd-24fe569b72-HPD5-3.1.x86_64.rpm	EG001200JWJNK	HPD5 (C)	HPD5	更新
858	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWEBH and EG000300JWEBF Drives	firmware-hdd-aa9e289524-HPD5-4.1.x86_64.rpm	EG000600JWEBH	HPD5 (D)	HPD5	更新
859	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWEBH and EG000300JWEBF Drives	firmware-hdd-aa9e289524-HPD5-4.1.x86_64.rpm	EG000300JWEBF	HPD5 (D)	HPD5	更新
860	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWFUV and EG001200JWFVA Drives	firmware-hdd-f0c91d2fe3-HPD4-4.1.x86_64.rpm	EG000600JWFUV	HPD4 (D)	HPD4	更新
861	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWFUV and EG001200JWFVA Drives	firmware-hdd-f0c91d2fe3-HPD4-4.1.x86_64.rpm	EG001200JWFVA	HPD4 (D)	HPD4	更新
862	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD6-3.1.x86_64.rpm	EG000600JWJNP	HPD6 (C)	HPD6	更新
863	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD6-3.1.x86_64.rpm	EG001200JWJNQ	HPD6 (C)	HPD6	更新
864	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd-bdfb8e99d9-HPD6-	EG001200MXJQU	HPD6 (C)	HPD6	更新

	EG000600JWJNP, EG001200JWJNQ and EG001200MXJQU Drives	3.1.x86_64.rpm				
865	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWFVC Drive	firmware-hdd- 693b9a2853-HPD4- 4.1.x86_64.rpm	EG001800JWFVC	HPD4 (D)	HPD4	更新
866	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drives	firmware-hdd- 852266afdf-HPD5- 3.1.x86_64.rpm	EG001800JWJNL	HPD5 (C)	HPD5	更新
867	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drives	firmware-hdd- 852266afdf-HPD5- 3.1.x86_64.rpm	EG002400JWJNN	HPD5 (C)	HPD5	更新
868	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT and EG002400MXJQT Drives	firmware-hdd- b1c9eaf74c-HPD8- 3.1.x86_64.rpm	EG001800JWJNR	HPD8 (C)	HPD8	更新
869	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT and EG002400MXJQT Drives	firmware-hdd- b1c9eaf74c-HPD8- 3.1.x86_64.rpm	EG002400JWJNT	HPD8 (C)	HPD8	更新
870	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT and EG002400MXJQT Drives	firmware-hdd- b1c9eaf74c-HPD8- 3.1.x86_64.rpm	EG002400MXJQT	HPD8 (C)	HPD8	更新
871	Online HDD/SSD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	firmware-hdd- 7c1a1734f9-HPD2- 10.1.x86_64.rpm	EG0300FCSPH	HPD2 (J)	HPD2	更新
872	Online HDD/SSD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	firmware-hdd- 7c1a1734f9-HPD2- 10.1.x86_64.rpm	EG0450FCSPK	HPD2 (J)	HPD2	更新
873	Online HDD/SSD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	firmware-hdd- 7c1a1734f9-HPD2- 10.1.x86_64.rpm	EG0600FCSP	HPD2 (J)	HPD2	更新
874	Online HDD/SSD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	firmware-hdd- 7c1a1734f9-HPD2- 10.1.x86_64.rpm	EG0900FCSPN	HPD2 (J)	HPD2	更新
875	Online HDD/SSD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	firmware-hdd- 31f91b8622-HPD5- 11.1.x86_64.rpm	EG0300JEHLV	HPD5 (K)	HPD5	更新
876	Online HDD/SSD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	firmware-hdd- 31f91b8622-HPD5- 11.1.x86_64.rpm	EG0600JEHMA	HPD5 (K)	HPD5	更新
877	Online HDD/SSD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	firmware-hdd- 31f91b8622-HPD5- 11.1.x86_64.rpm	EG0900JEHMB	HPD5 (K)	HPD5	更新
878	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd- 31f91b8622-HPD5-	EG1200JEHMC	HPD5 (K)	HPD5	更新

	EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	11.1.x86_64.rpm				
879	Online HDD/SSD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	firmware-hdd-ac3fda26eb-HPD6-11.1.x86_64.rpm	EG0600JEMCV	HPD6 (K)	HPD6	更新
880	Online HDD/SSD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	firmware-hdd-ac3fda26eb-HPD6-11.1.x86_64.rpm	EG1200JEMDA	HPD6 (K)	HPD6	更新
881	Online HDD/SSD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	firmware-hdd-ac3fda26eb-HPD6-11.1.x86_64.rpm	EG0300JFCKA	HPD6 (K)	HPD6	更新
882	Online HDD/SSD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	firmware-hdd-ac3fda26eb-HPD6-11.1.x86_64.rpm	EG0900JFCKB	HPD6 (K)	HPD6	更新
883	Online HDD/SSD Flash Component for Linux (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	firmware-hdd-7505dfb5ae-HPD8-4.1.x86_64.rpm	EG0600JETKA	HPD8 (D)	HPD8	更新
884	Online HDD/SSD Flash Component for Linux (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	firmware-hdd-7505dfb5ae-HPD8-4.1.x86_64.rpm	EG0900JETKB	HPD8 (D)	HPD8	更新
885	Online HDD/SSD Flash Component for Linux (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	firmware-hdd-7505dfb5ae-HPD8-4.1.x86_64.rpm	EG1200JETKC	HPD8 (D)	HPD8	更新
886	Online HDD/SSD Flash Component for Linux (x64) - EG1800JEHMD Drive	firmware-hdd-8a2c06af48-HPD6-11.1.x86_64.rpm	EG1800JEHMD	HPD6 (K)	HPD6	更新
887	Online HDD/SSD Flash Component for Linux (x64) - EG1800JEMDB Drive	firmware-hdd-0a38b25661-HPD5-10.1.x86_64.rpm	EG1800JEMDB	HPD5 (J)	HPD5	更新
888	Online HDD/SSD Flash Component for Linux (x64) - EG1800JFHMH Drive	firmware-hdd-7fc5497116-HPD8-4.1.x86_64.rpm	EG1800JFHMH	HPD8 (D)	HPD8	更新
889	Online HDD/SSD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD8-3.1.x86_64.rpm	EH000900JWCPN	HPD8 (C)	HPD8	更新
890	Online HDD/SSD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD8-3.1.x86_64.rpm	EH000600JWCPL	HPD8 (C)	HPD8	更新
891	Online HDD/SSD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD8-3.1.x86_64.rpm	EH000300JWCPK	HPD8 (C)	HPD8	更新
892	Online HDD/SSD Flash Component for Linux (x64) - EH000600JWCPF and EH000900JWCPH Drives	firmware-hdd-a05f29cef3-HPDA-3.1.x86_64.rpm	EH000900JWCPH	HPDA (C)	HPDA	更新
893	Online HDD/SSD Flash Component for Linux (x64) - EH000600JWCPF and	firmware-hdd-a05f29cef3-HPDA-3.1.x86_64.rpm	EH000600JWCPF	HPDA (C)	HPDA	更新

	EH000900JWCPH Drives					
894	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives	firmware-hdd-c7df7ceedb-HPD7-4.1.x86_64.rpm	EH000900JWHPK	HPD7 (D)	HPD7	更新
895	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives	firmware-hdd-c7df7ceedb-HPD7-4.1.x86_64.rpm	EH000600JWHPH	HPD7 (D)	HPD7	更新
896	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD7-4.1.x86_64.rpm	EH000900JWHPP	HPD7 (D)	HPD7	更新
897	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD7-4.1.x86_64.rpm	EH000600JWHPN	HPD7 (D)	HPD7	更新
898	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD7-4.1.x86_64.rpm	EH000300JWHPL	HPD7 (D)	HPD7	更新
899	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	firmware-hdd-1cbab97ff0-HPD5-10.1.x86_64.rpm	EH0300JDXBA	HPD5 (J)	HPD5	更新
900	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	firmware-hdd-1cbab97ff0-HPD5-10.1.x86_64.rpm	EH0450JDXBB	HPD5 (J)	HPD5	更新
901	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	firmware-hdd-1cbab97ff0-HPD5-10.1.x86_64.rpm	EH0600JDXBC	HPD5 (J)	HPD5	更新
902	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	firmware-hdd-b9340d29be-HPD6-11.1.x86_64.rpm	EH0300JDYTH	HPD6 (K)	HPD6	更新
903	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	firmware-hdd-b9340d29be-HPD6-11.1.x86_64.rpm	EH0450JDYTK	HPD6 (K)	HPD6	更新
904	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	firmware-hdd-b9340d29be-HPD6-11.1.x86_64.rpm	EH0600JDYTL	HPD6 (K)	HPD6	更新
905	Online HDD/SSD Flash Component for Linux (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	firmware-hdd-8c4a212ff9-HPD4-11.1.x86_64.rpm	EH0300JEDHC	HPD4 (K)	HPD4	更新
906	Online HDD/SSD Flash Component for Linux (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	firmware-hdd-8c4a212ff9-HPD4-11.1.x86_64.rpm	EH0450JEDHD	HPD4 (K)	HPD4	更新
907	Online HDD/SSD Flash Component for Linux (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	firmware-hdd-8c4a212ff9-HPD4-11.1.x86_64.rpm	EH0600JEDHE	HPD4 (K)	HPD4	更新
908	Online HDD/SSD Flash Component for Linux (x64) - EH0600JDYTN Drive	firmware-hdd-f3faa195ff-HPD7-10.1.x86_64.rpm	EH0600JDYTN	HPD7 (J)	HPD7	更新
909	Online HDD/SSD Flash Component for Linux (x64) - EK0800JVYPN, EO1600JVYPP,	firmware-hdd-481c8ea9a7-HPD7-6.1.x86_64.rpm	EK0800JVYPN	HPD7 (F)	HPD7	更新

	MK0800JVYPQ and MO1600JVYPR Drives					
910	Online HDD/SSD Flash Component for Linux (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	firmware-hdd-481c8ea9a7-HPD7-6.1.x86_64.rpm	EO1600JVYPP	HPD7 (F)	HPD7	更新
911	Online HDD/SSD Flash Component for Linux (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	firmware-hdd-481c8ea9a7-HPD7-6.1.x86_64.rpm	MK0800JVYPQ	HPD7 (F)	HPD7	更新
912	Online HDD/SSD Flash Component for Linux (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	firmware-hdd-481c8ea9a7-HPD7-6.1.x86_64.rpm	MO1600JVYPR	HPD7 (F)	HPD7	更新
913	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-8.1.x86_64.rpm	EO000400JWDKP	HPD2 (H)	HPD2	更新
914	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-8.1.x86_64.rpm	EO000800JWDKQ	HPD2 (H)	HPD2	更新
915	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-8.1.x86_64.rpm	EO001600JWDKR	HPD2 (H)	HPD2	更新
916	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-8.1.x86_64.rpm	MO000400JWDK U	HPD2 (H)	HPD2	更新
917	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-8.1.x86_64.rpm	MO000800JWDK V	HPD2 (H)	HPD2	更新
918	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ,	firmware-hdd-5dcf26fa42-HPD2-8.1.x86_64.rpm	MO001600JWDLA	HPD2 (H)	HPD2	更新

	EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives					
919	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd- 5dcf26fa42-HPD2- 8.1.x86_64.rpm	MO003200JWDLB	HPD2 (H)	HPD2	更新
920	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD3- 2.1.x86_64.rpm	EO000400PXDBQ	HPD3 (B)	HPD3	更新
921	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD3- 2.1.x86_64.rpm	EO000800PXDCK	HPD3 (B)	HPD3	更新
922	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD3- 2.1.x86_64.rpm	EO001600PXDCH	HPD3 (B)	HPD3	更新
923	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN,	firmware-hdd- 42aff4675b-HPD3- 2.1.x86_64.rpm	MO000800PXDBP	HPD3 (B)	HPD3	更新

	VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives					
924	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD3- 2.1.x86_64.rpm	MO001600PXDCC	HPD3 (B)	HPD3	更新
925	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD3- 2.1.x86_64.rpm	MO003200PXDCC	HPD3 (B)	HPD3	更新
926	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD3- 2.1.x86_64.rpm	MO006400PXDCE	HPD3 (B)	HPD3	更新
927	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD3- 2.1.x86_64.rpm	VO000960PXDBN	HPD3 (B)	HPD3	更新
928	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP,	firmware-hdd- 42aff4675b-HPD3- 2.1.x86_64.rpm	VO001920PXDBR	HPD3 (B)	HPD3	更新

	MO001600PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives					
929	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDQB, EO000800PXDCK, EO001600PXDCH, MO000800PXDDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD3- 2.1.x86_64.rpm	VO003840PXDBT	HPD3 (B)	HPD3	更新
930	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDQB, EO000800PXDCK, EO001600PXDCH, MO000800PXDDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD3- 2.1.x86_64.rpm	VO007680PXDBU	HPD3 (B)	HPD3	更新
931	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDQB, EO000800PXDCK, EO001600PXDCH, MO000800PXDDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD3- 2.1.x86_64.rpm	VO015300PXDBV	HPD3 (B)	HPD3	更新
932	Online HDD/SSD Flash Component for Linux (x64) - MB002000JWFVN and MB004000JWFVP Drives	firmware-hdd- d7af557f47-HPD4- 4.1.x86_64.rpm	MB002000JWFVN	HPD4 (D)	HPD4	更新
933	Online HDD/SSD Flash Component for Linux (x64) - MB002000JWFVN and MB004000JWFVP Drives	firmware-hdd- d7af557f47-HPD4- 4.1.x86_64.rpm	MB004000JWFVP	HPD4 (D)	HPD4	更新
934	Online HDD/SSD Flash Component for Linux (x64) - MB002000JYDNE and MB004000JYDPB Drives	firmware-hdd- d4be2aecbb-HPD2- 2.1.x86_64.rpm	MB002000JYDNE	HPD2 (B)	HPD2	新規追加
935	Online HDD/SSD Flash Component for Linux (x64) - MB002000JYDNE and MB004000JYDPB Drives	firmware-hdd- d4be2aecbb-HPD2- 2.1.x86_64.rpm	MB004000JYDPB	HPD2 (B)	HPD2	新規追加

936	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWFVK and MB006000JWFVL Drives	firmware-hdd-f6d00bd17e-HPD4-4.1.x86_64.rpm	MB004000JWFVK	HPD4 (D)	HPD4	更新
937	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWFVK and MB006000JWFVL Drives	firmware-hdd-f6d00bd17e-HPD4-4.1.x86_64.rpm	MB006000JWFVL	HPD4 (D)	HPD4	更新
938	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWKGU Drive	firmware-hdd-2c27a7a9a4-HPD2-4.1.x86_64.rpm	MB004000JWKGU	HPD2 (D)	HPD2	更新
939	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWWQB and MB002000JWWQA Drives	firmware-hdd-adb3ab8147-HPD7-3.1.x86_64.rpm	MB004000JWWQ B	HPD7 (C)	HPD7	更新
940	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWWQB and MB002000JWWQA Drives	firmware-hdd-adb3ab8147-HPD7-3.1.x86_64.rpm	MB002000JWWQ A	HPD7 (C)	HPD7	更新
941	Online HDD/SSD Flash Component for Linux (x64) - MB006000JWKGN Drive	firmware-hdd-a886842a99-HPD2-4.1.x86_64.rpm	MB006000JWKGN	HPD2 (D)	HPD2	更新
942	Online HDD/SSD Flash Component for Linux (x64) - MB006000JYDNF and MB008000JYDPC Drives	firmware-hdd-b04df66fe9-HPD2-2.1.x86_64.rpm	MB006000JYDNF	HPD2 (B)	HPD2	新規追加
943	Online HDD/SSD Flash Component for Linux (x64) - MB006000JYDNF and MB008000JYDPC Drives	firmware-hdd-b04df66fe9-HPD2-2.1.x86_64.rpm	MB008000JYDPC	HPD2 (B)	HPD2	新規追加
944	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWJRQ and MB006000JWJRP Drives	firmware-hdd-faf39e0ff7-HPD9-4.1.x86_64.rpm	MB008000JWJRQ	HPD9 (D)	HPD9	更新
945	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWJRQ and MB006000JWJRP Drives	firmware-hdd-faf39e0ff7-HPD9-4.1.x86_64.rpm	MB006000JWJRP	HPD9 (D)	HPD9	更新
946	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWRTD Drive	firmware-hdd-8b26d1ef02-HPD2-4.1.x86_64.rpm	MB008000JWRTD	HPD2 (D)	HPD2	更新
947	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWWQP and MB006000JWWQN Drives	firmware-hdd-ae6b41e855-HPD7-3.1.x86_64.rpm	MB008000JWWQ P	HPD7 (C)	HPD7	更新
948	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWWQP and MB006000JWWQN Drives	firmware-hdd-ae6b41e855-HPD7-3.1.x86_64.rpm	MB006000JWWQ N	HPD7 (C)	HPD7	更新
949	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWAYK and MB008000JWAYH Drives	firmware-hdd-6ec35faf90-HPD6-4.1.x86_64.rpm	MB010000JWAYK	HPD6 (D)	HPD6	更新
950	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWAYK and MB008000JWAYH Drives	firmware-hdd-6ec35faf90-HPD6-4.1.x86_64.rpm	MB008000JWAYH	HPD6 (D)	HPD6	更新
951	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cabe1-HPD2-4.1.x86_64.rpm	MB010000JWZHA	HPD2 (D)	HPD2	更新
952	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA,	firmware-hdd-cf0b6cabe1-HPD2-4.1.x86_64.rpm	MB012000JWZHB	HPD2 (D)	HPD2	更新

	MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives					
953	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd- cf0b6cabe1-HPD2- 4.1.x86_64.rpm	MB014000JWZHC	HPD2 (D)	HPD2	更新
954	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd- cf0b6cabe1-HPD2- 4.1.x86_64.rpm	MB016000JWZHE	HPD2 (D)	HPD2	更新
955	Online HDD/SSD Flash Component for Linux (x64) - MB012000JWDFD Drive	firmware-hdd- aaf1014ede-HPD3- 4.1.x86_64.rpm	MB012000JWDFD	HPD3 (D)	HPD3	更新
956	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives	firmware-hdd- 10385ef3e6-HPD2- 8.1.x86_64.rpm	MB014000JWRTH	HPD2 (H)	HPD2	更新
957	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives	firmware-hdd- 10385ef3e6-HPD2- 8.1.x86_64.rpm	MB012000JWRTE	HPD2 (H)	HPD2	更新
958	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives	firmware-hdd- 10385ef3e6-HPD2- 8.1.x86_64.rpm	MB010000JWRTE	HPD2 (H)	HPD2	更新
959	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWTFD and MB012000JWTFD Drives	firmware-hdd- 4ba9615f90-HPD8- 4.1.x86_64.rpm	MB014000JWTFD	HPD8 (D)	HPD8	更新
960	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWTFD and MB012000JWTFD Drives	firmware-hdd- 4ba9615f90-HPD8- 4.1.x86_64.rpm	MB012000JWTFD	HPD8 (D)	HPD8	更新
961	Online HDD/SSD Flash Component for Linux (x64) - MB014000JUDB Drive	firmware-hdd- cfd7436fcc-HPD3- 4.1.x86_64.rpm	MB014000JUDB	HPD3 (D)	HPD3	更新
962	Online HDD/SSD Flash Component for Linux (x64) - MB016000JWXKH Drive	firmware-hdd- 8a0371a425-HPD9- 4.1.x86_64.rpm	MB016000JWXKH	HPD9 (D)	HPD9	更新
963	Online HDD/SSD Flash Component for Linux (x64) - MB016000JXLBA and MB018000JXLAU Drives	firmware-hdd- d550523365-HPD2- 3.1.x86_64.rpm	MB016000JXLBA	HPD2 (C)	HPD2	更新
964	Online HDD/SSD Flash Component for Linux (x64) - MB016000JXLBA and MB018000JXLAU Drives	firmware-hdd- d550523365-HPD2- 3.1.x86_64.rpm	MB018000JXLAU	HPD2 (C)	HPD2	更新
965	Online HDD/SSD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd- b85516c7d2-HPD3- 8.1.x86_64.rpm	MB1000JVYZL	HPD3 (H)	HPD3	更新
966	Online HDD/SSD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd- b85516c7d2-HPD3- 8.1.x86_64.rpm	MB2000JVYZN	HPD3 (H)	HPD3	更新
967	Online HDD/SSD Flash	firmware-hdd-	MB3000JVYZP	HPD3 (H)	HPD3	更新

	Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	b85516c7d2-HPD3-8.1.x86_64.rpm				
968	Online HDD/SSD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD3-8.1.x86_64.rpm	MB4000JVYZQ	HPD3 (H)	HPD3	更新
969	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFDSL and MB4000JFDSN Drives	firmware-hdd-46fc43ab26-HPD4-10.1.x86_64.rpm	MB2000JFDSL	HPD4 (J)	HPD4	更新
970	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFDSL and MB4000JFDSN Drives	firmware-hdd-46fc43ab26-HPD4-10.1.x86_64.rpm	MB4000JFDSN	HPD4 (J)	HPD4	更新
971	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFEML and MB4000JFEMN Drives	firmware-hdd-624b75c7e2-HPD6-10.1.x86_64.rpm	MB2000JFEML	HPD6 (J)	HPD6	更新
972	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFEML and MB4000JFEMN Drives	firmware-hdd-624b75c7e2-HPD6-10.1.x86_64.rpm	MB4000JFEMN	HPD6 (J)	HPD6	更新
973	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFEPA and MB4000JFEPB Drives	firmware-hdd-326de7c0f2-HPD5-10.1.x86_64.rpm	MB2000JFEPA	HPD5 (J)	HPD5	更新
974	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFEPA and MB4000JFEPB Drives	firmware-hdd-326de7c0f2-HPD5-10.1.x86_64.rpm	MB4000JFEPB	HPD5 (J)	HPD5	更新
975	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEFNC and MB6000JEFND Drives	firmware-hdd-af802bb412-HPD9-10.1.x86_64.rpm	MB4000JEFNC	HPD9 (J)	HPD9	更新
976	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEFNC and MB6000JEFND Drives	firmware-hdd-af802bb412-HPD9-10.1.x86_64.rpm	MB6000JEFND	HPD9 (J)	HPD9	更新
977	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEQNL and MB6000JEQNN Drives	firmware-hdd-2cfaac41db-HPDB-10.1.x86_64.rpm	MB4000JEQNL	HPDB (J)	HPDB	更新
978	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEQNL and MB6000JEQNN Drives	firmware-hdd-2cfaac41db-HPDB-10.1.x86_64.rpm	MB6000JEQNN	HPDB (J)	HPDB	更新
979	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEXYA and MB6000JEXYB Drives	firmware-hdd-0f923833e9-HPD9-8.1.x86_64.rpm	MB4000JEXYA	HPD9 (H)	HPD9	更新
980	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEXYA and MB6000JEXYB Drives	firmware-hdd-0f923833e9-HPD9-8.1.x86_64.rpm	MB6000JEXYB	HPD9 (H)	HPD9	更新
981	Online HDD/SSD Flash Component for Linux (x64) - MB6000JEQUV and MB8000JEQVA Drives	firmware-hdd-df22f7effd-HPDB-10.1.x86_64.rpm	MB6000JEQUV	HPDB (J)	HPDB	更新
982	Online HDD/SSD Flash Component for Linux (x64) - MB6000JEQUV and MB8000JEQVA Drives	firmware-hdd-df22f7effd-HPDB-10.1.x86_64.rpm	MB8000JEQVA	HPDB (J)	HPDB	更新
983	Online HDD/SSD Flash	firmware-hdd-	MB6000JVYYV	HPD2 (J)	HPD2	更新

	Component for Linux (x64) - MB6000JVYYV Drive	0595c2a887-HPD2-10.1.x86_64.rpm				
984	Online HDD/SSD Flash Component for Linux (x64) - MB6000JVYZD and MB4000JVYZC Drives	firmware-hdd-e800e8d3b9-HPD4-8.1.x86_64.rpm	MB6000JVYZD	HPD4 (H)	HPD4	更新
985	Online HDD/SSD Flash Component for Linux (x64) - MB6000JVYZD and MB4000JVYZC Drives	firmware-hdd-e800e8d3b9-HPD4-8.1.x86_64.rpm	MB4000JVYZC	HPD4 (H)	HPD4	更新
986	Online HDD/SSD Flash Component for Linux (x64) - MB8000JFECQ Drive	firmware-hdd-252770cdda-HPD7-9.1.x86_64.rpm	MB8000JFECQ	HPD7 (I)	HPD7	更新
987	Online HDD/SSD Flash Component for Linux (x64) - MM1000JEFRB and MM2000JEFRC Drives	firmware-hdd-b04257b77b-HPDA-1.1.x86_64.rpm	MM1000JEFRB	HPDA	HPDA	更新
988	Online HDD/SSD Flash Component for Linux (x64) - MM1000JEFRB and MM2000JEFRC Drives	firmware-hdd-b04257b77b-HPDA-1.1.x86_64.rpm	MM2000JEFRC	HPDA	HPDA	更新
989	Online HDD/SSD Flash Component for Linux (x64) - MM1000JFJTH Drive	firmware-hdd-fa46c607d6-HPD5-1.1.x86_64.rpm	MM1000JFJTH	HPD5	HPD5	更新
990	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	firmware-hdd-b8a60fbe9a-HPD5-7.1.x86_64.rpm	MO000400JWFVN	HPD5 (G)	HPD5	更新
991	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	firmware-hdd-b8a60fbe9a-HPD5-7.1.x86_64.rpm	MO000800JWFVP	HPD5 (G)	HPD5	更新
992	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	firmware-hdd-b8a60fbe9a-HPD5-7.1.x86_64.rpm	MO001600JWFVQ	HPD5 (G)	HPD5	更新
993	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	firmware-hdd-b8a60fbe9a-HPD5-7.1.x86_64.rpm	MO003200JWFVR	HPD5 (G)	HPD5	更新
994	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR,	firmware-hdd-b8a60fbe9a-HPD5-7.1.x86_64.rpm	MO000960JWFVT	HPD5 (G)	HPD5	更新

	MO000960JWFWT, MO001920JFWFU and MO003840JFWV Drives					
995	Online HDD/SSD Flash Component for Linux (x64) - MO000400JFWFN, MO000800JFWFP, MO001600JFWQ, MO003200JFWR, MO000960JWFWT, MO001920JFWFU and MO003840JFWV Drives	firmware-hdd- b8a60fbe9a-HPD5- 7.1.x86_64.rpm	MO001920JFWFU	HPD5 (G)	HPD5	更新
996	Online HDD/SSD Flash Component for Linux (x64) - MO000400JFWFN, MO000800JFWFP, MO001600JFWQ, MO003200JFWR, MO000960JWFWT, MO001920JFWFU and MO003840JFWV Drives	firmware-hdd- b8a60fbe9a-HPD5- 7.1.x86_64.rpm	MO003840JFWV	HPD5 (G)	HPD5	更新
997	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 5.1.x86_64.rpm	MO000400JWUFT	HPD3 (E)	HPD3	更新
998	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 5.1.x86_64.rpm	MO000800JWUFU	HPD3 (E)	HPD3	更新
999	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 5.1.x86_64.rpm	MO001600JWUFV	HPD3 (E)	HPD3	更新
1000	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 5.1.x86_64.rpm	MO003200JWUGA	HPD3 (E)	HPD3	更新
1001	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV,	firmware-hdd- ef93133161-HPD3- 5.1.x86_64.rpm	MO006400JWUGB	HPD3 (E)	HPD3	更新

	MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives					
1002	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 5.1.x86_64.rpm	EO000400JWUGC	HPD3 (E)	HPD3	更新
1003	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 5.1.x86_64.rpm	EO000800JWUGD	HPD3 (E)	HPD3	更新
1004	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 5.1.x86_64.rpm	EO001600JWUGE	HPD3 (E)	HPD3	更新
1005	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd- 24384980ec-HPD1- 4.1.x86_64.rpm	MO000800JXBEV	HPD1 (D)	HPD1	更新
1006	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd- 24384980ec-HPD1- 4.1.x86_64.rpm	MO001600JXBFP	HPD1 (D)	HPD1	更新
1007	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV,	firmware-hdd- 24384980ec-HPD1- 4.1.x86_64.rpm	MO003200JXBFQ	HPD1 (D)	HPD1	更新

	MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives					
1008	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd- 24384980ec-HPD1- 4.1.x86_64.rpm	MO006400JXBFR	HPD1 (D)	HPD1	更新
1009	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd- 24384980ec-HPD1- 4.1.x86_64.rpm	MO000960JXBFA	HPD1 (D)	HPD1	更新
1010	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd- 24384980ec-HPD1- 4.1.x86_64.rpm	MO001920JXBFT	HPD1 (D)	HPD1	更新
1011	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and	firmware-hdd- 24384980ec-HPD1- 4.1.x86_64.rpm	MO003840JXBFU	HPD1 (D)	HPD1	更新

	EO001600JXBFN Drives					
1012	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD1-4.1.x86_64.rpm	MO007680JXBGA	HPD1 (D)	HPD1	更新
1013	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD1-4.1.x86_64.rpm	MO015360JXBFV	HPD1 (D)	HPD1	更新
1014	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD1-4.1.x86_64.rpm	EO000400JXBEU	HPD1 (D)	HPD1	更新
1015	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD1-4.1.x86_64.rpm	EO000800JXBFL	HPD1 (D)	HPD1	更新
1016	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU,	firmware-hdd-24384980ec-HPD1-4.1.x86_64.rpm	EO001600JXBFN	HPD1 (D)	HPD1	更新

	MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives					
1017	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	firmware-hdd- 71af849f3b-HPD3- 10.1.x86_64.rpm	EO0800JEFPP	HPD3 (J)	HPD3	更新
1018	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	firmware-hdd- 71af849f3b-HPD3- 10.1.x86_64.rpm	EO0400JEFPE	HPD3 (J)	HPD3	更新
1019	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	firmware-hdd- 71af849f3b-HPD3- 10.1.x86_64.rpm	EO0200JEFPP	HPD3 (J)	HPD3	更新
1020	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	firmware-hdd- 71af849f3b-HPD3- 10.1.x86_64.rpm	MO1600JEFPC	HPD3 (J)	HPD3	更新
1021	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	firmware-hdd- 71af849f3b-HPD3- 10.1.x86_64.rpm	MO0800JEFPB	HPD3 (J)	HPD3	更新
1022	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	firmware-hdd- 71af849f3b-HPD3- 10.1.x86_64.rpm	MO0400JEFPA	HPD3 (J)	HPD3	更新
1023	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	firmware-hdd- 71af849f3b-HPD3- 10.1.x86_64.rpm	MO0200JEFNV	HPD3 (J)	HPD3	更新
1024	Online HDD/SSD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and	firmware-hdd- edf6dcd906-HPD9- 6.1.x86_64.rpm	MO0400JFFCF	HPD9 (F)	HPD9	更新

	MO3200JFFCL Drives					
1025	Online HDD/SSD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	firmware-hdd-edf6dcd906-HPD9-6.1.x86_64.rpm	MO0800JFFCH	HPD9 (F)	HPD9	更新
1026	Online HDD/SSD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	firmware-hdd-edf6dcd906-HPD9-6.1.x86_64.rpm	MO1600JFFCK	HPD9 (F)	HPD9	更新
1027	Online HDD/SSD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	firmware-hdd-edf6dcd906-HPD9-6.1.x86_64.rpm	MO3200JFFCL	HPD9 (F)	HPD9	更新
1028	Online HDD/SSD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-7.1.x86_64.rpm	VK000960JWSSQ	HPD8 (G)	HPD8	更新
1029	Online HDD/SSD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-7.1.x86_64.rpm	VK001920JWSSR	HPD8 (G)	HPD8	更新
1030	Online HDD/SSD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-7.1.x86_64.rpm	VK003840JWSST	HPD8 (G)	HPD8	更新
1031	Online HDD/SSD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-7.1.x86_64.rpm	VK007680JWSSU	HPD8 (G)	HPD8	更新
1032	Online HDD/SSD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-7.1.x86_64.rpm	VO015300JWSSV	HPD8 (G)	HPD8	更新
1033	Online HDD/SSD Flash Component for Linux (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	firmware-hdd-8a7ecf7465-HPD4-4.1.x86_64.rpm	VK0400JEABD	HPD4 (D)	HPD4	更新
1034	Online HDD/SSD Flash Component for Linux (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	firmware-hdd-8a7ecf7465-HPD4-4.1.x86_64.rpm	VK0800JEABE	HPD4 (D)	HPD4	更新
1035	Online HDD/SSD Flash Component for Linux (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	firmware-hdd-8a7ecf7465-HPD4-4.1.x86_64.rpm	VO1600JEABF	HPD4 (D)	HPD4	更新

1036	Online HDD/SSD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	firmware-hdd-2eb810cdd7-HPD8-6.1.x86_64.rpm	VO000480JWDAR	HPD8 (F)	HPD8	更新
1037	Online HDD/SSD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	firmware-hdd-2eb810cdd7-HPD8-6.1.x86_64.rpm	VO000960JWDAT	HPD8 (F)	HPD8	更新
1038	Online HDD/SSD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	firmware-hdd-2eb810cdd7-HPD8-6.1.x86_64.rpm	VO001920JWDAU	HPD8 (F)	HPD8	更新
1039	Online HDD/SSD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	firmware-hdd-2eb810cdd7-HPD8-6.1.x86_64.rpm	VO003840JWDAV	HPD8 (F)	HPD8	更新
1040	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD4-4.1.x86_64.rpm	VO000800JWZJP	HPD4 (D)	HPD4	更新
1041	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD4-4.1.x86_64.rpm	VO001600JWZJQ	HPD4 (D)	HPD4	更新
1042	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD4-4.1.x86_64.rpm	VO003200JWZJR	HPD4 (D)	HPD4	更新
1043	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD4-4.1.x86_64.rpm	VO006400JWZJT	HPD4 (D)	HPD4	更新
1044	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTPB, MO000400JWTBQ, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD9-4.1.x86_64.rpm	VO000960JWTBK	HPD9 (D)	HPD9	更新
1045	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL,	firmware-hdd-9ad359dac1-HPD9-4.1.x86_64.rpm	VO001920JWTBL	HPD9 (D)	HPD9	更新

	VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB and EO001600JWTCB Drives					
1046	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTCB, VO001920JWTCB, VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD9-4.1.x86_64.rpm	VO003840JWTCB	HPD9 (D)	HPD9	更新
1047	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTCB, VO001920JWTCB, VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD9-4.1.x86_64.rpm	VO007680JWTCB	HPD9 (D)	HPD9	更新
1048	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTCB, VO001920JWTCB, VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD9-4.1.x86_64.rpm	MO000400JWTCB Q	HPD9 (D)	HPD9	更新
1049	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTCB, VO001920JWTCB, VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD9-4.1.x86_64.rpm	MO000800JWTCB	HPD9 (D)	HPD9	更新

1050	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD9-4.1.x86_64.rpm	MO001600JWBT	HPD9 (D)	HPD9	更新
1051	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD9-4.1.x86_64.rpm	MO003200JWBU	HPD9 (D)	HPD9	更新
1052	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD9-4.1.x86_64.rpm	MO006400JWTC	HPD9 (D)	HPD9	更新
1053	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD9-4.1.x86_64.rpm	EO000400JWBV	HPD9 (D)	HPD9	更新
1054	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU,	firmware-hdd-9ad359dac1-HPD9-4.1.x86_64.rpm	EO000800JWTC	HPD9 (D)	HPD9	更新

	MO006400JWTCB, EO000400JWTVB, EO000800JWTVCA and EO001600JWTVCB Drives					
1055	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTVBK, VO001920JWTVBL, VO003840JWTVBN, VO007680JWTVBP, MO000400JWTVBQ, MO000800JWTVBR, MO001600JWTVBT, MO003200JWTVBU, MO006400JWTVCD, EO000400JWTVBV, EO000800JWTVCA and EO001600JWTVCB Drives	firmware-hdd- 9ad359dac1-HPD9- 4.1.x86_64.rpm	EO001600JWTVCB	HPD9 (D)	HPD9	更新
1056	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTVBK, VO001920JWTVBL, VO003840JWTVBN, VO007680JWTVBP, MO000400JWTVBQ, MO000800JWTVBR, MO001600JWTVBT, MO003200JWTVBU, MO006400JWTVCD, EO000400JWTVBV, EO000800JWTVCA and EO001600JWTVCB Drives	firmware-hdd- 9ad359dac1-HPD9- 4.1.x86_64.rpm	EO003200JWTVCC	HPD9 (D)	HPD9	更新
1057	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTVBK, VO001920JWTVBL, VO003840JWTVBN, VO007680JWTVBP, MO000400JWTVBQ, MO000800JWTVBR, MO001600JWTVBT, MO003200JWTVBU, MO006400JWTVCD, EO000400JWTVBV, EO000800JWTVCA and EO001600JWTVCB Drives	firmware-hdd- 9ad359dac1-HPD9- 4.1.x86_64.rpm	MO001920JWVW WV	HPD9 (D)	HPD9	更新
1058	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd- 35fd24601f-HPD4- 4.1.x86_64.rpm	VO000960JWZJF	HPD4 (D)	HPD4	更新
1059	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd- 35fd24601f-HPD4- 4.1.x86_64.rpm	VO001920JWZJH	HPD4 (D)	HPD4	更新
1060	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and	firmware-hdd- 35fd24601f-HPD4- 4.1.x86_64.rpm	VO003840JWZJK	HPD4 (D)	HPD4	更新

	VO015360JWZJN Drives					
1061	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd24601f-HPD4-4.1.x86_64.rpm	VO007680JWZJL	HPD4 (D)	HPD4	更新
1062	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd24601f-HPD4-4.1.x86_64.rpm	VO015360JWZJN	HPD4 (D)	HPD4	更新
1063	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD6-3.1.x86_64.rpm	VO000960RWUEV	HPD6 (C)	HPD6	更新
1064	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD6-3.1.x86_64.rpm	VO001920RWUFA	HPD6 (C)	HPD6	更新
1065	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD6-3.1.x86_64.rpm	VO003840RWUFB	HPD6 (C)	HPD6	更新
1066	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD6-3.1.x86_64.rpm	VO007680RWUFC	HPD6 (C)	HPD6	更新
1067	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD6-3.1.x86_64.rpm	VO000960RWUFD	HPD6 (C)	HPD6	更新
1068	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC,	firmware-hdd-8fafc9efb2-HPD6-3.1.x86_64.rpm	VO001920RWUFE	HPD6 (C)	HPD6	更新

	VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives					
1069	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd- 8fafc9efb2-HPD6- 3.1.x86_64.rpm	VO003840RWUFF	HPD6 (C)	HPD6	更新
1070	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	firmware-hdd- 8f501d6cf1-HPD2- 2.1.x86_64.rpm	VO003840XZCLT	HPD2 (B)	HPD2	更新
1071	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	firmware-hdd- 8f501d6cf1-HPD2- 2.1.x86_64.rpm	VO007680XZCMB	HPD2 (B)	HPD2	更新
1072	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	firmware-hdd- 8f501d6cf1-HPD2- 2.1.x86_64.rpm	MO000800XZCLQ	HPD2 (B)	HPD2	更新
1073	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	firmware-hdd- 8f501d6cf1-HPD2- 2.1.x86_64.rpm	MO001600XZCLV	HPD2 (B)	HPD2	更新
1074	Online HDD/SSD Flash Component for Linux (x64) - VO007680JWCNK and VO015300JWCNL Drives	firmware-hdd- 4c048aaeb0-HPD8- 6.1.x86_64.rpm	VO007680JWCNK	HPD8 (F)	HPD8	更新
1075	Online HDD/SSD Flash Component for Linux (x64) - VO007680JWCNK and VO015300JWCNL Drives	firmware-hdd- 4c048aaeb0-HPD8- 6.1.x86_64.rpm	VO015300JWCNL	HPD8 (F)	HPD8	更新
1076	Online HDD/SSD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	firmware-hdd- 8ed8893abd-HPD9- 6.1.x86_64.rpm	VO0480JFDGT	HPD9 (F)	HPD9	更新
1077	Online HDD/SSD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	firmware-hdd- 8ed8893abd-HPD9- 6.1.x86_64.rpm	VO0960JFDGU	HPD9 (F)	HPD9	更新
1078	Online HDD/SSD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	firmware-hdd- 8ed8893abd-HPD9- 6.1.x86_64.rpm	VO1920JFDGV	HPD9 (F)	HPD9	更新
1079	Online HDD/SSD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU,	firmware-hdd- 8ed8893abd-HPD9- 6.1.x86_64.rpm	VO3840JFDHA	HPD9 (F)	HPD9	更新

	VO1920JFDGV and VO3840JFDHA Drives					
1080	Online HDD/SSD Flash Component for Linux (x64) - VO1920JEUQQ Drive	firmware-hdd-5d9e841607-HPD3-10.1.x86_64.rpm	VO1920JEUQQ	HPD3 (J)	HPD3	更新
1081	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWBHR Drive	CP052922.zip	EG000300JWBHR	HPD5 (C)	HPD5	更新
1082	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWFVB Drive	CP052921.zip	EG000300JWFVB	HPD3 (C)	HPD3	更新
1083	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	CP053474.zip	EG000600JWJNH	HPD5 (B)	HPD5	更新
1084	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	CP053474.zip	EG001200JWJNK	HPD5 (B)	HPD5	更新
1085	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	CP053474.zip	EG000300JWSJP	HPD5 (B)	HPD5	更新
1086	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWEBH and EG000300JWEBF Drives	CP053463.zip	EG000600JWEBH	HPD5 (C)	HPD5	更新
1087	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWEBH and EG000300JWEBF Drives	CP053463.zip	EG000300JWEBF	HPD5 (C)	HPD5	更新
1088	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWFUV and EG001200JWFVA Drives	CP052929.zip	EG000600JWFUV	HPD4 (C)	HPD4	更新
1089	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWFUV and EG001200JWFVA Drives	CP052929.zip	EG001200JWFVA	HPD4 (C)	HPD4	更新
1090	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ and EG001200MXJQU Drives	CP053197.zip	EG000600JWJNP	HPD6 (B)	HPD6	更新
1091	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ and EG001200MXJQU Drives	CP053197.zip	EG001200JWJNQ	HPD6 (B)	HPD6	更新
1092	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ and EG001200MXJQU Drives	CP053197.zip	EG001200MXJQU	HPD6 (B)	HPD6	更新
1093	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWFVC Drive	CP052942.zip	EG001800JWFVC	HPD4 (C)	HPD4	更新
1094	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drives	CP053471.zip	EG001800JWJNL	HPD5 (B)	HPD5	更新
1095	Online HDD/SSD Flash Component for VMware ESXi	CP053471.zip	EG002400JWJNN	HPD5 (B)	HPD5	更新

	- EG001800JWJNL and EG002400JWJNN Drives					
1096	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT and EG002400MXJQT Drives	CP053196.zip	EG001800JWJNR	HPD8 (B)	HPD8	更新
1097	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT and EG002400MXJQT Drives	CP053196.zip	EG002400JWJNT	HPD8 (B)	HPD8	更新
1098	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT and EG002400MXJQT Drives	CP053196.zip	EG002400MXJQT	HPD8 (B)	HPD8	更新
1099	Online HDD/SSD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	CP052946.zip	EG0300FCSPH	HPD2 (J)	HPD2	更新
1100	Online HDD/SSD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	CP052946.zip	EG0450FCSPK	HPD2 (J)	HPD2	更新
1101	Online HDD/SSD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	CP052946.zip	EG0600FCSP	HPD2 (J)	HPD2	更新
1102	Online HDD/SSD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	CP052946.zip	EG0900FCSPN	HPD2 (J)	HPD2	更新
1103	Online HDD/SSD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	CP052969.zip	EG0300JEHLV	HPD5 (K)	HPD5	更新
1104	Online HDD/SSD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	CP052969.zip	EG0600JEHMA	HPD5 (K)	HPD5	更新
1105	Online HDD/SSD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	CP052969.zip	EG0900JEHMB	HPD5 (K)	HPD5	更新
1106	Online HDD/SSD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	CP052969.zip	EG1200JEHMC	HPD5 (K)	HPD5	更新
1107	Online HDD/SSD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	CP052983.zip	EG0600JEMCV	HPD6 (J)	HPD6	更新

1108	Online HDD/SSD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	CP052983.zip	EG1200JEMDA	HPD6 (J)	HPD6	更新
1109	Online HDD/SSD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	CP052983.zip	EG0300JFCKA	HPD6 (J)	HPD6	更新
1110	Online HDD/SSD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	CP052983.zip	EG0900JFCKB	HPD6 (J)	HPD6	更新
1111	Online HDD/SSD Flash Component for VMware ESXi - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	CP052990.zip	EG0600JETKA	HPD8 (C)	HPD8	更新
1112	Online HDD/SSD Flash Component for VMware ESXi - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	CP052990.zip	EG0900JETKB	HPD8 (C)	HPD8	更新
1113	Online HDD/SSD Flash Component for VMware ESXi - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	CP052990.zip	EG1200JETKC	HPD8 (C)	HPD8	更新
1114	Online HDD/SSD Flash Component for VMware ESXi - EG1800JEHMD Drive	CP052994.zip	EG1800JEHMD	HPD6 (K)	HPD6	更新
1115	Online HDD/SSD Flash Component for VMware ESXi - EG1800JEMDB Drive	CP053000.zip	EG1800JEMDB	HPD5 (J)	HPD5	更新
1116	Online HDD/SSD Flash Component for VMware ESXi - EG1800JFHMH Drive	CP053003.zip	EG1800JFHMH	HPD8 (C)	HPD8	更新
1117	Online HDD/SSD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	CP053123.zip	EH000300JWCPK	HPD8 (B)	HPD8	更新
1118	Online HDD/SSD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	CP053123.zip	EH000600JWCPL	HPD8 (B)	HPD8	更新
1119	Online HDD/SSD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	CP053123.zip	EH000900JWCPN	HPD8 (B)	HPD8	更新
1120	Online HDD/SSD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives	CP053194.zip	EH000900JWCPH	HPDA (B)	HPDA	更新
1121	Online HDD/SSD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives	CP053194.zip	EH000600JWCPF	HPDA (B)	HPDA	更新
1122	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives	CP053447.zip	EH000900JWHPK	HPD7 (C)	HPD7	更新
1123	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPK and	CP053447.zip	EH000600JWHPH	HPD7 (C)	HPD7	更新

	EH000600JWHPH Drives					
1124	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP051647.zip	EH000900JWHPP	HPD7 (C)	HPD7	更新
1125	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP051647.zip	EH000600JWHPN	HPD7 (C)	HPD7	更新
1126	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP051647.zip	EH000300JWHPL	HPD7 (C)	HPD7	更新
1127	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	CP053006.zip	EH0300JDXBA	HPD5 (J)	HPD5	更新
1128	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	CP053006.zip	EH0450JDXBB	HPD5 (J)	HPD5	更新
1129	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	CP053006.zip	EH0600JDXBC	HPD5 (J)	HPD5	更新
1130	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	CP053008.zip	EH0300JDYTH	HPD6 (K)	HPD6	更新
1131	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	CP053008.zip	EH0450JDYTK	HPD6 (K)	HPD6	更新
1132	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	CP053008.zip	EH0600JDYTL	HPD6 (K)	HPD6	更新
1133	Online HDD/SSD Flash Component for VMware ESXi - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	CP053144.zip	EH0300JEDHC	HPD4 (K)	HPD4	更新
1134	Online HDD/SSD Flash Component for VMware ESXi - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	CP053144.zip	EH0450JEDHD	HPD4 (K)	HPD4	更新
1135	Online HDD/SSD Flash Component for VMware ESXi - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	CP053144.zip	EH0600JEDHE	HPD4 (K)	HPD4	更新
1136	Online HDD/SSD Flash Component for VMware ESXi - EH0600JDYTN Drive	CP053145.zip	EH0600JDYTN	HPD7 (I)	HPD7	更新
1137	Online HDD/SSD Flash Component for VMware ESXi	CP053325.zip	EK0800JVYPN	HPD7 (E)	HPD7	更新

	- EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives					
1138	Online HDD/SSD Flash Component for VMware ESXi - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	CP053325.zip	EO1600JVYPP	HPD7 (E)	HPD7	更新
1139	Online HDD/SSD Flash Component for VMware ESXi - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	CP053325.zip	MK0800JVYPQ	HPD7 (E)	HPD7	更新
1140	Online HDD/SSD Flash Component for VMware ESXi - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	CP053325.zip	MO1600JVYPR	HPD7 (E)	HPD7	更新
1141	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP053147.zip	EO000400JWDKP	HPD2 (G)	HPD2	更新
1142	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP053147.zip	EO000800JWDKQ	HPD2 (G)	HPD2	更新
1143	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP053147.zip	EO001600JWDKR	HPD2 (G)	HPD2	更新
1144	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP053147.zip	MO000400JWDK U	HPD2 (G)	HPD2	更新
1145	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP053147.zip	MO000800JWDK V	HPD2 (G)	HPD2	更新
1146	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP,	CP053147.zip	MO001600JWDLA	HPD2 (G)	HPD2	更新

	EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives					
1147	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP053147.zip	MO003200JWDLB	HPD2 (G)	HPD2	更新
1148	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053206.zip	EO000400PXDBQ	HPD3 (B)	HPD3	更新
1149	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053206.zip	EO000800PXDCK	HPD3 (B)	HPD3	更新
1150	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053206.zip	EO001600PXDCH	HPD3 (B)	HPD3	更新
1151	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE,	CP053206.zip	MO000800PXDBP	HPD3 (B)	HPD3	更新

	VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives					
1152	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053206.zip	MO001600PXDCC	HPD3 (B)	HPD3	更新
1153	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053206.zip	MO003200PXDCCD	HPD3 (B)	HPD3	更新
1154	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053206.zip	MO006400PXDCE	HPD3 (B)	HPD3	更新
1155	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053206.zip	VO000960PXDBN	HPD3 (B)	HPD3	更新
1156	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH,	CP053206.zip	VO001920PXDBR	HPD3 (B)	HPD3	更新

	MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives					
1157	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053206.zip	VO003840PXDBT	HPD3 (B)	HPD3	更新
1158	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053206.zip	VO007680PXDBU	HPD3 (B)	HPD3	更新
1159	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053206.zip	VO015300PXDBV	HPD3 (B)	HPD3	更新
1160	Online HDD/SSD Flash Component for VMware ESXi - MB002000JWFVN and MB004000JWFVP Drives	CP053152.zip	MB002000JWFVN	HPD4 (C)	HPD4	更新
1161	Online HDD/SSD Flash Component for VMware ESXi - MB002000JWFVN and MB004000JWFVP Drives	CP053152.zip	MB004000JWFVP	HPD4 (C)	HPD4	更新
1162	Online HDD/SSD Flash Component for VMware ESXi - MB002000JYDNE and MB004000JYDPB Drives	CP053214.zip	MB002000JYDNE	HPD2 (B)	HPD2	新規追加
1163	Online HDD/SSD Flash Component for VMware ESXi - MB002000JYDNE and	CP053214.zip	MB004000JYDPB	HPD2 (B)	HPD2	新規追加

	MB004000JYDPB Drives					
1164	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWFVK and MB006000JWFVL Drives	CP053154.zip	MB004000JWFVK	HPD4 (C)	HPD4	更新
1165	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWFVK and MB006000JWFVL Drives	CP053154.zip	MB006000JWFVL	HPD4 (C)	HPD4	更新
1166	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWKGU Drive	CP053155.zip	MB004000JWKGU	HPD2 (C)	HPD2	更新
1167	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWWQB and MB002000JWWQA Drives	CP053204.zip	MB004000JWWQ B	HPD7 (B)	HPD7	更新
1168	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWWQB and MB002000JWWQA Drives	CP053204.zip	MB002000JWWQ A	HPD7 (B)	HPD7	更新
1169	Online HDD/SSD Flash Component for VMware ESXi - MB006000JWKGN Drive	CP053158.zip	MB006000JWKGN	HPD2 (C)	HPD2	更新
1170	Online HDD/SSD Flash Component for VMware ESXi - MB006000JYDNF and MB008000JYDPC Drives	CP053213.zip	MB006000JYDNF	HPD2 (B)	HPD2	新規追加
1171	Online HDD/SSD Flash Component for VMware ESXi - MB006000JYDNF and MB008000JYDPC Drives	CP053213.zip	MB008000JYDPC	HPD2 (B)	HPD2	新規追加
1172	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWJRQ and MB006000JWJRP Drives	CP053339.zip	MB008000JWJRQ	HPD9 (C)	HPD9	更新
1173	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWJRQ and MB006000JWJRP Drives	CP053339.zip	MB006000JWJRP	HPD9 (C)	HPD9	更新
1174	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWRTD Drive	CP053160.zip	MB008000JWRTD	HPD2 (C)	HPD2	更新
1175	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWWQP and MB006000JWWQN Drives	CP053203.zip	MB008000JWWQ P	HPD7 (B)	HPD7	更新
1176	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWWQP and MB006000JWWQN Drives	CP053203.zip	MB006000JWWQ N	HPD7 (B)	HPD7	更新
1177	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	CP053217.zip	MB010000GWZG T	HPG1 (B)	HPG1	新規追加
1178	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	CP053217.zip	MB012000GWZG U	HPG1 (B)	HPG1	新規追加
1179	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU,	CP053217.zip	MB014000GWZG V	HPG1 (B)	HPG1	新規追加

	MB014000GWZGV and MB016000GWZHD Drives					
1180	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	CP053217.zip	MB016000GWZHD	HPG1 (B)	HPG1	新規追加
1181	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP052414.zip	MB010000GYDKP	HPG1	HPG1	新規追加
1182	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP052414.zip	MB012000GYCJL	HPG1	HPG1	新規追加
1183	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP052414.zip	MB014000GYCJT	HPG1	HPG1	新規追加
1184	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP052414.zip	MB016000GYDKQ	HPG1	HPG1	新規追加
1185	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP052414.zip	MB018000GYDKR	HPG1	HPG1	新規追加
1186	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWAYK and MB008000JWAYH Drives	CP053170.zip	MB010000JWAYK	HPD6 (C)	HPD6	更新
1187	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWAYK and MB008000JWAYH Drives	CP053170.zip	MB008000JWAYH	HPD6 (C)	HPD6	更新
1188	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP053338.zip	MB010000JWZHA	HPD2 (C)	HPD2	更新
1189	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP053338.zip	MB012000JWZHB	HPD2 (C)	HPD2	更新
1190	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA,	CP053338.zip	MB014000JWZHC	HPD2 (C)	HPD2	更新

	MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives					
1191	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP053338.zip	MB016000JWZHE	HPD2 (C)	HPD2	更新
1192	Online HDD/SSD Flash Component for VMware ESXi - MB012000JWDFD Drive	CP053298.zip	MB012000JWDFD	HPD3 (C)	HPD3	更新
1193	Online HDD/SSD Flash Component for VMware ESXi - MB014000JWTFD and MB012000JWTFD Drives	CP053340.zip	MB014000JWTFD	HPD8 (C)	HPD8	更新
1194	Online HDD/SSD Flash Component for VMware ESXi - MB014000JWTFD and MB012000JWTFD Drives	CP053340.zip	MB012000JWTFD	HPD8 (C)	HPD8	更新
1195	Online HDD/SSD Flash Component for VMware ESXi - MB014000JWUDB Drive	CP053247.zip	MB014000JWUDB	HPD3 (C)	HPD3	更新
1196	Online HDD/SSD Flash Component for VMware ESXi - MB016000JWXKH Drive	CP053341.zip	MB016000JWXKH	HPD9 (C)	HPD9	更新
1197	Online HDD/SSD Flash Component for VMware ESXi - MB016000JXLBA and MB018000JXLAU Drives	CP053455.zip	MB016000JXLBA	HPD2 (B)	HPD2	更新
1198	Online HDD/SSD Flash Component for VMware ESXi - MB016000JXLBA and MB018000JXLAU Drives	CP053455.zip	MB018000JXLAU	HPD2 (B)	HPD2	更新
1199	Online HDD/SSD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP053249.zip	MB1000JVYZL	HPD3 (G)	HPD3	更新
1200	Online HDD/SSD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP053249.zip	MB2000JVYZN	HPD3 (G)	HPD3	更新
1201	Online HDD/SSD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP053249.zip	MB3000JVYZP	HPD3 (G)	HPD3	更新
1202	Online HDD/SSD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP053249.zip	MB4000JVYZQ	HPD3 (G)	HPD3	更新
1203	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFDSL and MB4000JFDSN Drives	CP053263.zip	MB2000JFDSL	HPD4 (J)	HPD4	更新
1204	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFDSL and MB4000JFDSN Drives	CP053263.zip	MB4000JFDSN	HPD4 (J)	HPD4	更新
1205	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEML and MB4000JFEMN Drives	CP053271.zip	MB2000JFEML	HPD6 (J)	HPD6	更新

1206	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEML and MB4000JFEMN Drives	CP053271.zip	MB4000JFEMN	HPD6 (J)	HPD6	更新
1207	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEPB and MB4000JFEPB Drives	CP053272.zip	MB2000JFEPB	HPD5 (J)	HPD5	更新
1208	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEPB and MB4000JFEPB Drives	CP053272.zip	MB4000JFEPB	HPD5 (J)	HPD5	更新
1209	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEFNC and MB6000JEFND Drives	CP053275.zip	MB4000JEFNC	HPD9 (J)	HPD9	更新
1210	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEFNC and MB6000JEFND Drives	CP053275.zip	MB6000JEFND	HPD9 (J)	HPD9	更新
1211	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEQNL and MB6000JEQNN Drives	CP053276.zip	MB4000JEQNL	HPDB (J)	HPDB	更新
1212	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEQNL and MB6000JEQNN Drives	CP053276.zip	MB6000JEQNN	HPDB (J)	HPDB	更新
1213	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEXYA and MB6000JEXYB Drives	CP053277.zip	MB4000JEXYA	HPD9 (G)	HPD9	更新
1214	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEXYA and MB6000JEXYB Drives	CP053277.zip	MB6000JEXYB	HPD9 (G)	HPD9	更新
1215	Online HDD/SSD Flash Component for VMware ESXi - MB6000JEQUV and MB8000JEQVA Drives	CP053281.zip	MB6000JEQUV	HPDB (J)	HPDB	更新
1216	Online HDD/SSD Flash Component for VMware ESXi - MB6000JEQUV and MB8000JEQVA Drives	CP053281.zip	MB8000JEQVA	HPDB (J)	HPDB	更新
1217	Online HDD/SSD Flash Component for VMware ESXi - MB6000JVYV Drive	CP053282.zip	MB6000JVYV	HPD2 (J)	HPD2	更新
1218	Online HDD/SSD Flash Component for VMware ESXi - MB6000JVYZD and MB4000JVYZC Drives	CP053283.zip	MB6000JVYZD	HPD4 (H)	HPD4	更新
1219	Online HDD/SSD Flash Component for VMware ESXi - MB6000JVYZD and MB4000JVYZC Drives	CP053283.zip	MB4000JVYZC	HPD4 (H)	HPD4	更新
1220	Online HDD/SSD Flash Component for VMware ESXi - MB8000JFECQ Drive	CP053285.zip	MB8000JFECQ	HPD7 (I)	HPD7	更新
1221	Online HDD/SSD Flash Component for VMware ESXi - MM1000JEFRB and MM2000JEFRC Drives	CP052066.zip	MM1000JEFRB	HPDA	HPDA	更新
1222	Online HDD/SSD Flash Component for VMware ESXi - MM1000JEFRB and MM2000JEFRC Drives	CP052066.zip	MM2000JEFRC	HPDA	HPDA	更新

1223	Online HDD/SSD Flash Component for VMware ESXi - MM1000JFJTH Drive	CP052071.zip	MM1000JFJTH	HPD5	HPD5	更新
1224	Online HDD/SSD Flash Component for VMware ESXi - MO000400JFWFN, MO000800JFWFP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	CP053289.zip	MO000400JFWFN	HPD5 (G)	HPD5	更新
1225	Online HDD/SSD Flash Component for VMware ESXi - MO000400JFWFN, MO000800JFWFP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	CP053289.zip	MO000800JFWFP	HPD5 (G)	HPD5	更新
1226	Online HDD/SSD Flash Component for VMware ESXi - MO000400JFWFN, MO000800JFWFP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	CP053289.zip	MO001600JFWFQ	HPD5 (G)	HPD5	更新
1227	Online HDD/SSD Flash Component for VMware ESXi - MO000400JFWFN, MO000800JFWFP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	CP053289.zip	MO003200JFWFR	HPD5 (G)	HPD5	更新
1228	Online HDD/SSD Flash Component for VMware ESXi - MO000400JFWFN, MO000800JFWFP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	CP053289.zip	MO000960JFWFT	HPD5 (G)	HPD5	更新
1229	Online HDD/SSD Flash Component for VMware ESXi - MO000400JFWFN, MO000800JFWFP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	CP053289.zip	MO001920JFWFU	HPD5 (G)	HPD5	更新
1230	Online HDD/SSD Flash Component for VMware ESXi - MO000400JFWFN, MO000800JFWFP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	CP053289.zip	MO003840JFWFV	HPD5 (G)	HPD5	更新

1231	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP053290.zip	MO000400JWUFT	HPD3 (D)	HPD3	更新
1232	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP053290.zip	MO000800JWUFU	HPD3 (D)	HPD3	更新
1233	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP053290.zip	MO001600JWUFV	HPD3 (D)	HPD3	更新
1234	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP053290.zip	MO003200JWUGA	HPD3 (D)	HPD3	更新
1235	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP053290.zip	MO006400JWUGB	HPD3 (D)	HPD3	更新
1236	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP053290.zip	EO000400JWUGC	HPD3 (D)	HPD3	更新
1237	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA,	CP053290.zip	EO000800JWUGD	HPD3 (D)	HPD3	更新

	MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives					
1238	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP053290.zip	EO001600JWUGE	HPD3 (D)	HPD3	更新
1239	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP053541.zip	MO000800JXBEV	HPD1 (C)	HPD1	更新
1240	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP053541.zip	MO001600JXBFP	HPD1 (C)	HPD1	更新
1241	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP053541.zip	MO003200JXBFO	HPD1 (C)	HPD1	更新
1242	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA,	CP053541.zip	MO006400JXBFR	HPD1 (C)	HPD1	更新

	MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives					
1243	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP053541.zip	MO000960JXBFA	HPD1 (C)	HPD1	更新
1244	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP053541.zip	MO001920JXBFT	HPD1 (C)	HPD1	更新
1245	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP053541.zip	MO003840JXBFU	HPD1 (C)	HPD1	更新
1246	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP053541.zip	MO007680JXBGA	HPD1 (C)	HPD1	更新
1247	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR,	CP053541.zip	MO015360JXBFV	HPD1 (C)	HPD1	更新

	MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives					
1248	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP053541.zip	EO000400JXBEU	HPD1 (C)	HPD1	更新
1249	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP053541.zip	EO000800JXBFL	HPD1 (C)	HPD1	更新
1250	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP053541.zip	EO001600JXBFN	HPD1 (C)	HPD1	更新
1251	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	CP053291.zip	EO0800JEFPP	HPD3 (J)	HPD3	更新
1252	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	CP053291.zip	EO0400JEFPE	HPD3 (J)	HPD3	更新

1253	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	CP053291.zip	EO0200JEFPD	HPD3 (J)	HPD3	更新
1254	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	CP053291.zip	MO1600JEFPC	HPD3 (J)	HPD3	更新
1255	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	CP053291.zip	MO0800JEFPB	HPD3 (J)	HPD3	更新
1256	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	CP053291.zip	MO0400JEFPA	HPD3 (J)	HPD3	更新
1257	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	CP053291.zip	MO0200JEFNV	HPD3 (J)	HPD3	更新
1258	Online HDD/SSD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	CP053330.zip	MO0400JFFCF	HPD9 (E)	HPD9	更新
1259	Online HDD/SSD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	CP053330.zip	MO0800JFFCH	HPD9 (E)	HPD9	更新
1260	Online HDD/SSD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	CP053330.zip	MO1600JFFCK	HPD9 (E)	HPD9	更新
1261	Online HDD/SSD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	CP053330.zip	MO3200JFFCL	HPD9 (E)	HPD9	更新
1262	Online HDD/SSD Flash Component for VMware ESXi	CP053333.zip	VK000960JWSSQ	HPD8 (F)	HPD8	更新

	- VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives					
1263	Online HDD/SSD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP053333.zip	VK001920JWSSR	HPD8 (F)	HPD8	更新
1264	Online HDD/SSD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP053333.zip	VK003840JWSST	HPD8 (F)	HPD8	更新
1265	Online HDD/SSD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP053333.zip	VK007680JWSSU	HPD8 (F)	HPD8	更新
1266	Online HDD/SSD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP053333.zip	VO015300JWSSV	HPD8 (F)	HPD8	更新
1267	Online HDD/SSD Flash Component for VMware ESXi - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	CP053542.zip	VK0400JEABD	HPD4 (C)	HPD4	更新
1268	Online HDD/SSD Flash Component for VMware ESXi - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	CP053542.zip	VK0800JEABE	HPD4 (C)	HPD4	更新
1269	Online HDD/SSD Flash Component for VMware ESXi - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	CP053542.zip	VO1600JEABF	HPD4 (C)	HPD4	更新
1270	Online HDD/SSD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDVA Drives	CP053332.zip	VO000480JWDAR	HPD8 (H)	HPD8	更新
1271	Online HDD/SSD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDVA Drives	CP053332.zip	VO000960JWDAT	HPD8 (H)	HPD8	更新
1272	Online HDD/SSD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDVA Drives	CP053332.zip	VO001920JWDAU	HPD8 (H)	HPD8	更新

1273	Online HDD/SSD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	CP053332.zip	VO003840JWDAV	HPD8 (H)	HPD8	更新
1274	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP053336.zip	VO000800JWZJP	HPD4 (C)	HPD4	更新
1275	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP053336.zip	VO001600JWZJQ	HPD4 (C)	HPD4	更新
1276	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP053336.zip	VO003200JWZJR	HPD4 (C)	HPD4	更新
1277	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP053336.zip	VO006400JWZJT	HPD4 (C)	HPD4	更新
1278	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives	CP053540.zip	VO000960JWTBK	HPD9 (C)	HPD9	更新
1279	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives	CP053540.zip	VO001920JWTBL	HPD9 (C)	HPD9	更新
1280	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR,	CP053540.zip	VO003840JWTBN	HPD9 (C)	HPD9	更新

	MO001600JWB MO003200JWB MO006400JWB EO000400JWB EO000800JWB EO001600JWB Drives					
1281	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWB VO001920JWB VO003840JWB VO007680JWB MO000400JWB MO000800JWB MO001600JWB MO003200JWB MO006400JWB EO000400JWB EO000800JWB EO001600JWB Drives	CP053540.zip	VO007680JWB	HPD9 (C)	HPD9	更新
1282	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWB VO001920JWB VO003840JWB VO007680JWB MO000400JWB MO000800JWB MO001600JWB MO003200JWB MO006400JWB EO000400JWB EO000800JWB EO001600JWB Drives	CP053540.zip	MO000400JWB Q	HPD9 (C)	HPD9	更新
1283	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWB VO001920JWB VO003840JWB VO007680JWB MO000400JWB MO000800JWB MO001600JWB MO003200JWB MO006400JWB EO000400JWB EO000800JWB EO001600JWB Drives	CP053540.zip	MO000800JWB	HPD9 (C)	HPD9	更新
1284	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWB VO001920JWB VO003840JWB VO007680JWB MO000400JWB MO000800JWB MO001600JWB MO003200JWB MO006400JWB EO000400JWB EO000800JWB EO001600JWB Drives	CP053540.zip	MO001600JWB	HPD9 (C)	HPD9	更新
1285	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWB VO001920JWB	CP053540.zip	MO003200JWB	HPD9 (C)	HPD9	更新

	VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives					
1286	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTCB, VO001920JWTCB, VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives	CP053540.zip	MO006400JWTCB	HPD9 (C)	HPD9	更新
1287	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTCB, VO001920JWTCB, VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives	CP053540.zip	EO000400JWTCB	HPD9 (C)	HPD9	更新
1288	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTCB, VO001920JWTCB, VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives	CP053540.zip	EO000800JWTCB	HPD9 (C)	HPD9	更新
1289	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTCB, VO001920JWTCB, VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives	CP053540.zip	EO001600JWTCB	HPD9 (C)	HPD9	更新

1290	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKC Drives	CP053540.zip	EO003200JWTC	HPD9 (C)	HPD9	更新
1291	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKC Drives	CP053540.zip	MO001920JWW WV	HPD9 (C)	HPD9	更新
1292	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP053337.zip	VO000960JWZJF	HPD4 (C)	HPD4	更新
1293	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP053337.zip	VO001920JWZJH	HPD4 (C)	HPD4	更新
1294	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP053337.zip	VO003840JWZJK	HPD4 (C)	HPD4	更新
1295	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP053337.zip	VO007680JWZJL	HPD4 (C)	HPD4	更新
1296	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP053337.zip	VO015360JWZJN	HPD4 (C)	HPD4	更新
1297	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV,	CP053466.zip	VO000960RWUEV	HPD6 (B)	HPD6	更新

	VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives					
1298	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP053466.zip	VO001920RWUFA	HPD6 (B)	HPD6	更新
1299	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP053466.zip	VO003840RWUFB	HPD6 (B)	HPD6	更新
1300	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP053466.zip	VO007680RWUFC	HPD6 (B)	HPD6	更新
1301	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP053466.zip	VO000960RWUFD	HPD6 (B)	HPD6	更新
1302	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP053466.zip	VO001920RWUFE	HPD6 (B)	HPD6	更新
1303	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP053466.zip	VO003840RWUFF	HPD6 (B)	HPD6	更新
1304	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP053207.zip	VO003840XZCLT	HPD2 (B)	HPD2	更新

1305	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP053207.zip	VO007680XCMB	HPD2 (B)	HPD2	更新
1306	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP053207.zip	MO000800XZCLQ	HPD2 (B)	HPD2	更新
1307	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP053207.zip	MO001600XZCLV	HPD2 (B)	HPD2	更新
1308	Online HDD/SSD Flash Component for VMware ESXi - VO007680JWCNK and VO015300JWCNL Drives	CP053320.zip	VO007680JWCNK	HPD8 (F)	HPD8	更新
1309	Online HDD/SSD Flash Component for VMware ESXi - VO007680JWCNK and VO015300JWCNL Drives	CP053320.zip	VO015300JWCNL	HPD8 (F)	HPD8	更新
1310	Online HDD/SSD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	CP053329.zip	VO0480JFDGT	HPD9 (E)	HPD9	更新
1311	Online HDD/SSD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	CP053329.zip	VO0960JFDGU	HPD9 (E)	HPD9	更新
1312	Online HDD/SSD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	CP053329.zip	VO1920JFDGV	HPD9 (E)	HPD9	更新
1313	Online HDD/SSD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	CP053329.zip	VO3840JFDHA	HPD9 (E)	HPD9	更新
1314	Online HDD/SSD Flash Component for VMware ESXi - VO1920JEUQQ Drive	CP053321.zip	VO1920JEUQQ	HPD3 (J)	HPD3	更新
1315	Online HDD/SSD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	CP053246.zip	MB014000JWRTH	HPD2 (G)	HPD2	更新
1316	Online HDD/SSD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	CP053246.zip	MB012000JWRTF	HPD2 (G)	HPD2	更新
1317	Online HDD/SSD Flash Component for VMware ESXi -MB014000JWRTH,	CP053246.zip	MB010000JWRTE	HPD2 (G)	HPD2	更新

	MB012000JWRWF and MB010000JWRTE Drives					
1318	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWBHR Drive	cp052733.exe	EG000300JWBHR	HPD5 (C)	HPD5	更新
1319	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWFVB Drive	cp052732.exe	EG000300JWFVB	HPD3 (C)	HPD3	更新
1320	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	cp052786.exe	EG000300JWSJP	HPD5 (B)	HPD5	更新
1321	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	cp052786.exe	EG000600JWJNH	HPD5 (B)	HPD5	更新
1322	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	cp052786.exe	EG001200JWJNK	HPD5 (B)	HPD5	更新
1323	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives	cp052784.exe	EG000600JWEBH	HPD5 (C)	HPD5	更新
1324	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives	cp052784.exe	EG000300JWEBF	HPD5 (C)	HPD5	更新
1325	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWFUV and EG001200JWFVA Drives	cp052734.exe	EG000600JWFUV	HPD4 (C)	HPD4	更新
1326	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWFUV and EG001200JWFVA Drives	cp052734.exe	EG001200JWFVA	HPD4 (C)	HPD4	更新
1327	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ and EG001200MXJQU Drives	cp052794.exe	EG000600JWJNP	HPD6 (B)	HPD6	更新
1328	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ and EG001200MXJQU Drives	cp052794.exe	EG001200JWJNQ	HPD6 (B)	HPD6	更新
1329	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ and EG001200MXJQU Drives	cp052794.exe	EG001200MXJQU	HPD6 (B)	HPD6	更新
1330	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWFVC Drive	cp052735.exe	EG001800JWFVC	HPD4 (C)	HPD4	更新
1331	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drives	cp052787.exe	EG001800JWJNL	HPD5 (B)	HPD5	更新
1332	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drives	cp052787.exe	EG002400JWJNN	HPD5 (B)	HPD5	更新

1333	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT and EG002400MXJQT Drives	cp052795.exe	EG001800JWJNR	HPD8 (B)	HPD8	更新
1334	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT and EG002400MXJQT Drives	cp052795.exe	EG002400JWJNT	HPD8 (B)	HPD8	更新
1335	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT and EG002400MXJQT Drives	cp052795.exe	EG002400MXJQT	HPD8 (B)	HPD8	更新
1336	Online HDD/SSD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSPH and EG0900FCSPN Drives	cp053014.exe	EG0300FCSPH	HPD2 (H)	HPD2	更新
1337	Online HDD/SSD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSPH and EG0900FCSPN Drives	cp053014.exe	EG0450FCSPK	HPD2 (H)	HPD2	更新
1338	Online HDD/SSD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSPH and EG0900FCSPN Drives	cp053014.exe	EG0600FCSPH	HPD2 (H)	HPD2	更新
1339	Online HDD/SSD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSPH and EG0900FCSPN Drives	cp053014.exe	EG0900FCSPN	HPD2 (H)	HPD2	更新
1340	Online HDD/SSD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	cp053015.exe	EG0300JEHLV	HPD5 (I)	HPD5	更新
1341	Online HDD/SSD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	cp053015.exe	EG0600JEHMA	HPD5 (I)	HPD5	更新
1342	Online HDD/SSD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	cp053015.exe	EG0900JEHMB	HPD5 (I)	HPD5	更新
1343	Online HDD/SSD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	cp053015.exe	EG1200JEHMC	HPD5 (I)	HPD5	更新
1344	Online HDD/SSD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	cp052736.exe	EG0600JEMCV	HPD6 (H)	HPD6	更新
1345	Online HDD/SSD Flash Component for Windows	cp052736.exe	EG1200JEMDA	HPD6 (H)	HPD6	更新

	(x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives					
1346	Online HDD/SSD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	cp052736.exe	EG0300JFCKA	HPD6 (H)	HPD6	更新
1347	Online HDD/SSD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	cp052736.exe	EG0900JFCKB	HPD6 (H)	HPD6	更新
1348	Online HDD/SSD Flash Component for Windows (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	cp052737.exe	EG0600JETKA	HPD8 (C)	HPD8	更新
1349	Online HDD/SSD Flash Component for Windows (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	cp052737.exe	EG0900JETKB	HPD8 (C)	HPD8	更新
1350	Online HDD/SSD Flash Component for Windows (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	cp052737.exe	EG1200JETKC	HPD8 (C)	HPD8	更新
1351	Online HDD/SSD Flash Component for Windows (x64) - EG1800JEHMD Drive	cp053016.exe	EG1800JEHMD	HPD6 (I)	HPD6	更新
1352	Online HDD/SSD Flash Component for Windows (x64) - EG1800JEMDB Drive	cp052738.exe	EG1800JEMDB	HPD5 (H)	HPD5	更新
1353	Online HDD/SSD Flash Component for Windows (x64) - EG1800JFHMH Drive	cp052740.exe	EG1800JFHMH	HPD8 (C)	HPD8	更新
1354	Online HDD/SSD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	cp052796.exe	EH000300JWCPK	HPD8 (B)	HPD8	更新
1355	Online HDD/SSD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	cp052796.exe	EH000600JWCPL	HPD8 (B)	HPD8	更新
1356	Online HDD/SSD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	cp052796.exe	EH000900JWCPN	HPD8 (B)	HPD8	更新
1357	Online HDD/SSD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives	cp052797.exe	EH000900JWCPH	HPDA (B)	HPDA	更新
1358	Online HDD/SSD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives	cp052797.exe	EH000600JWCPF	HPDA (B)	HPDA	更新
1359	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH Drives	cp052777.exe	EH000900JWHPK	HPD7 (C)	HPD7	更新
1360	Online HDD/SSD Flash Component for Windows	cp052777.exe	EH000600JWHPH	HPD7 (C)	HPD7	更新

	(x64) - EH000900JWHPK and EH000600JWHPH Drives					
1361	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp052778.exe	EH000900JWHPP	HPD7 (C)	HPD7	更新
1362	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp052778.exe	EH000600JWHPN	HPD7 (C)	HPD7	更新
1363	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp052778.exe	EH000300JWHPL	HPD7 (C)	HPD7	更新
1364	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	cp053017.exe	EH0300JDXBA	HPD5 (H)	HPD5	更新
1365	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	cp053017.exe	EH0450JDXBB	HPD5 (H)	HPD5	更新
1366	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	cp053017.exe	EH0600JDXBC	HPD5 (H)	HPD5	更新
1367	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	cp053018.exe	EH0300JDYTH	HPD6 (I)	HPD6	更新
1368	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	cp053018.exe	EH0450JDYTK	HPD6 (I)	HPD6	更新
1369	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	cp053018.exe	EH0600JDYTL	HPD6 (I)	HPD6	更新
1370	Online HDD/SSD Flash Component for Windows (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	cp053019.exe	EH0300JEDHC	HPD4 (J)	HPD4	更新
1371	Online HDD/SSD Flash Component for Windows (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	cp053019.exe	EH0450JEDHD	HPD4 (J)	HPD4	更新
1372	Online HDD/SSD Flash Component for Windows (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	cp053019.exe	EH0600JEDHE	HPD4 (J)	HPD4	更新
1373	Online HDD/SSD Flash Component for Windows (x64) - EH0600JDYTN Drive	cp053020.exe	EH0600JDYTN	HPD7 (G)	HPD7	更新
1374	Online HDD/SSD Flash	cp053091.exe	EK0800JVYPN	HPD7 (E)	HPD7	更新

	Component for Windows (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives					
1375	Online HDD/SSD Flash Component for Windows (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	cp053091.exe	EO1600JVYPP	HPD7 (E)	HPD7	更新
1376	Online HDD/SSD Flash Component for Windows (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	cp053091.exe	MK0800JVYPQ	HPD7 (E)	HPD7	更新
1377	Online HDD/SSD Flash Component for Windows (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	cp053091.exe	MO1600JVYPR	HPD7 (E)	HPD7	更新
1378	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp053022.exe	EO000400JWDKP	HPD2 (F)	HPD2	更新
1379	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp053022.exe	EO000800JWDKQ	HPD2 (F)	HPD2	更新
1380	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp053022.exe	EO001600JWDKR	HPD2 (F)	HPD2	更新
1381	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp053022.exe	MO000400JWDK U	HPD2 (F)	HPD2	更新
1382	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp053022.exe	MO000800JWDK V	HPD2 (F)	HPD2	更新
1383	Online HDD/SSD Flash Component for Windows	cp053022.exe	MO001600JWDLA	HPD2 (F)	HPD2	更新

	(x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives					
1384	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp053022.exe	MO003200JWDLB	HPD2 (F)	HPD2	更新
1385	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCD, EO001600PXDCB, MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCB, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	EO000400PXDBQ	HPD3 (B)	HPD3	更新
1386	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCD, EO001600PXDCB, MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCB, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	EO000800PXDCD	HPD3 (B)	HPD3	更新
1387	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCD, EO001600PXDCB, MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCB, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	EO001600PXDCB	HPD3 (B)	HPD3	更新
1388	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCD, EO001600PXDCB, MO000800PXDBP, MO001600PXDCD, MO003200PXDCD,	cp052792.exe	MO000800PXDBP	HPD3 (B)	HPD3	更新

	MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives					
1389	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	MO001600PXDCC	HPD3 (B)	HPD3	更新
1390	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	MO003200PXDCCD	HPD3 (B)	HPD3	更新
1391	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	MO006400PXDCE	HPD3 (B)	HPD3	更新
1392	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	VO000960PXDBN	HPD3 (B)	HPD3	更新
1393	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK,	cp052792.exe	VO001920PXDBR	HPD3 (B)	HPD3	更新

	EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives					
1394	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	VO003840PXDBT	HPD3 (B)	HPD3	更新
1395	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	VO007680PXDBU	HPD3 (B)	HPD3	更新
1396	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	VO015300PXDBV	HPD3 (B)	HPD3	更新
1397	Online HDD/SSD Flash Component for Windows (x64) - MB002000JWFVN and MB004000JWFVP Drives	cp052744.exe	MB002000JWFVN	HPD4 (C)	HPD4	更新
1398	Online HDD/SSD Flash Component for Windows (x64) - MB002000JWFVN and MB004000JWFVP Drives	cp052744.exe	MB004000JWFVP	HPD4 (C)	HPD4	更新
1399	Online HDD/SSD Flash Component for Windows (x64) - MB002000JYDNE and MB004000JYDPB Drives	cp052802.exe	MB002000JYDNE	HPD2 (B)	HPD2	新規追加
1400	Online HDD/SSD Flash Component for Windows	cp052802.exe	MB004000JYDPB	HPD2 (B)	HPD2	新規追加

	(x64) - MB002000JYDNE and MB004000JYDPB Drives					
1401	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWFVK and MB006000JWFVL Drives	cp052743.exe	MB004000JWFVK	HPD4 (C)	HPD4	更新
1402	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWFVK and MB006000JWFVL Drives	cp052743.exe	MB006000JWFVL	HPD4 (C)	HPD4	更新
1403	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWKGU Drive	cp052742.exe	MB004000JWKGU	HPD2 (C)	HPD2	更新
1404	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWWQB and MB002000JWWQA Drives	cp052800.exe	MB004000JWWQ B	HPD7 (B)	HPD7	更新
1405	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWWQB and MB002000JWWQA Drives	cp052800.exe	MB002000JWWQ A	HPD7 (B)	HPD7	更新
1406	Online HDD/SSD Flash Component for Windows (x64) - MB006000JWKGN Drive	cp052741.exe	MB006000JWKGN	HPD2 (C)	HPD2	更新
1407	Online HDD/SSD Flash Component for Windows (x64) - MB006000JYDNF and MB008000JYDPC Drives	cp052801.exe	MB006000JYDNF	HPD2 (B)	HPD2	新規追加
1408	Online HDD/SSD Flash Component for Windows (x64) - MB006000JYDNF and MB008000JYDPC Drives	cp052801.exe	MB008000JYDPC	HPD2 (B)	HPD2	新規追加
1409	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWJRQ and MB006000JWJRP Drives	cp052773.exe	MB008000JWJRQ	HPD9 (C)	HPD9	更新
1410	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWJRQ and MB006000JWJRP Drives	cp052773.exe	MB006000JWJRP	HPD9 (C)	HPD9	更新
1411	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWRTD Drive	cp052747.exe	MB008000JWRTD	HPD2 (C)	HPD2	更新
1412	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWWQP and MB006000JWWQN Drives	cp052799.exe	MB008000JWWQ P	HPD7 (B)	HPD7	更新
1413	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWWQP and MB006000JWWQN Drives	cp052799.exe	MB006000JWWQ N	HPD7 (B)	HPD7	更新
1414	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	cp052803.exe	MB010000GWZG T	HPG1 (B)	HPG1	新規追加
1415	Online HDD/SSD Flash Component for Windows	cp052803.exe	MB012000GWZG U	HPG1 (B)	HPG1	新規追加

	(x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives					
1416	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	cp052803.exe	MB014000GWZGV	HPG1 (B)	HPG1	新規追加
1417	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	cp052803.exe	MB016000GWZHD	HPG1 (B)	HPG1	新規追加
1418	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp052419.exe	MB010000GYDKP	HPG1	HPG1	新規追加
1419	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp052419.exe	MB012000GYCJL	HPG1	HPG1	新規追加
1420	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp052419.exe	MB014000GYCJT	HPG1	HPG1	新規追加
1421	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp052419.exe	MB016000GYDKQ	HPG1	HPG1	新規追加
1422	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp052419.exe	MB018000GYDKR	HPG1	HPG1	新規追加
1423	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWAYK and MB008000JWAYH Drives	cp053026.exe	MB010000JWAYK	HPD6 (C)	HPD6	更新
1424	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWAYK and MB008000JWAYH Drives	cp053026.exe	MB008000JWAYH	HPD6 (C)	HPD6	更新
1425	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp052768.exe	MB010000JWZHA	HPD2 (C)	HPD2	更新
1426	Online HDD/SSD Flash	cp052768.exe	MB012000JWZHB	HPD2 (C)	HPD2	更新

	Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives					
1427	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp052768.exe	MB014000JWZHC	HPD2 (C)	HPD2	更新
1428	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp052768.exe	MB016000JWZHE	HPD2 (C)	HPD2	更新
1429	Online HDD/SSD Flash Component for Windows (x64) - MB012000JWDFD Drive	cp052746.exe	MB012000JWDFD	HPD3 (C)	HPD3	更新
1430	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp053028.exe	MB014000JWRTH	HPD2 (F)	HPD2	更新
1431	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp053028.exe	MB012000JWRTF	HPD2 (F)	HPD2	更新
1432	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp053028.exe	MB010000JWRTE	HPD2 (F)	HPD2	更新
1433	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWTFD and MB012000JWTFD Drives	cp052774.exe	MB014000JWTFD	HPD8 (C)	HPD8	更新
1434	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWTFD and MB012000JWTFD Drives	cp052774.exe	MB012000JWTFD	HPD8 (C)	HPD8	更新
1435	Online HDD/SSD Flash Component for Windows (x64) - MB014000JUWDB Drive	cp052756.exe	MB014000JUWDB	HPD3 (C)	HPD3	更新
1436	Online HDD/SSD Flash Component for Windows (x64) - MB016000JWXKH Drive	cp052775.exe	MB016000JWXKH	HPD9 (C)	HPD9	更新
1437	Online HDD/SSD Flash Component for Windows (x64) - MB016000JXLBA and MB018000JXLAU Drives	cp052781.exe	MB016000JXLBA	HPD2 (B)	HPD2	更新
1438	Online HDD/SSD Flash Component for Windows (x64) - MB016000JXLBA and MB018000JXLAU Drives	cp052781.exe	MB018000JXLAU	HPD2 (B)	HPD2	更新
1439	Online HDD/SSD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp053030.exe	MB1000JVYZL	HPD3 (F)	HPD3	更新
1440	Online HDD/SSD Flash	cp053030.exe	MB2000JVYZN	HPD3 (F)	HPD3	更新

	Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives					
1441	Online HDD/SSD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp053030.exe	MB3000JVYZP	HPD3 (F)	HPD3	更新
1442	Online HDD/SSD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp053030.exe	MB4000JVYZQ	HPD3 (F)	HPD3	更新
1443	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFDSL and MB4000JFDSN Drives	cp052757.exe	MB2000JFDSL	HPD4 (H)	HPD4	更新
1444	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFDSL and MB4000JFDSN Drives	cp052757.exe	MB4000JFDSN	HPD4 (H)	HPD4	更新
1445	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFEML and MB4000JFEMN Drives	cp053033.exe	MB2000JFEML	HPD6 (H)	HPD6	更新
1446	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFEML and MB4000JFEMN Drives	cp053033.exe	MB4000JFEMN	HPD6 (H)	HPD6	更新
1447	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFEPA and MB4000JFEPB Drives	cp053034.exe	MB2000JFEPA	HPD5 (H)	HPD5	更新
1448	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFEPA and MB4000JFEPB Drives	cp053034.exe	MB4000JFEPB	HPD5 (H)	HPD5	更新
1449	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEFNC and MB6000JEFND Drives	cp053037.exe	MB4000JEFNC	HPD9 (H)	HPD9	更新
1450	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEFNC and MB6000JEFND Drives	cp053037.exe	MB6000JEFND	HPD9 (H)	HPD9	更新
1451	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEQNL and MB6000JEQNN Drives	cp053038.exe	MB4000JEQNL	HPDB (H)	HPDB	更新
1452	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEQNL and MB6000JEQNN Drives	cp053038.exe	MB6000JEQNN	HPDB (H)	HPDB	更新
1453	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEXYA and MB6000JEXYB Drives	cp052759.exe	MB4000JEXYA	HPD9 (F)	HPD9	更新
1454	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEXYA and MB6000JEXYB Drives	cp052759.exe	MB6000JEXYB	HPD9 (F)	HPD9	更新
1455	Online HDD/SSD Flash Component for Windows (x64) - MB6000JEUUV and MB8000JEUVA Drives	cp053046.exe	MB6000JEUUV	HPDB (H)	HPDB	更新

1456	Online HDD/SSD Flash Component for Windows (x64) - MB6000JEUUV and MB8000JEQVA Drives	cp053046.exe	MB8000JEQVA	HPDB (H)	HPDB	更新
1457	Online HDD/SSD Flash Component for Windows (x64) - MB6000JVYYV Drive	cp053047.exe	MB6000JVYYV	HPD2 (H)	HPD2	更新
1458	Online HDD/SSD Flash Component for Windows (x64) - MB6000JVYZD and MB4000JVYZC Drives	cp053048.exe	MB6000JVYZD	HPD4 (F)	HPD4	更新
1459	Online HDD/SSD Flash Component for Windows (x64) - MB6000JVYZD and MB4000JVYZC Drives	cp053048.exe	MB4000JVYZC	HPD4 (F)	HPD4	更新
1460	Online HDD/SSD Flash Component for Windows (x64) - MB8000JFECQ Drive	cp053050.exe	MB8000JFECQ	HPD7 (G)	HPD7	更新
1461	Online HDD/SSD Flash Component for Windows (x64) - MM1000JEFRB and MM2000JEFRC Drives	cp052067.exe	MM1000JEFRB	HPDA	HPDA	更新
1462	Online HDD/SSD Flash Component for Windows (x64) - MM1000JEFRB and MM2000JEFRC Drives	cp052067.exe	MM2000JEFRC	HPDA	HPDA	更新
1463	Online HDD/SSD Flash Component for Windows (x64) - MM1000JFJTH Drive	cp052072.exe	MM1000JFJTH	HPD5	HPD5	更新
1464	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	cp053054.exe	MO000400JWFVN	HPD5 (F)	HPD5	更新
1465	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	cp053054.exe	MO000800JWFVP	HPD5 (F)	HPD5	更新
1466	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	cp053054.exe	MO001600JWFVQ	HPD5 (F)	HPD5	更新
1467	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	cp053054.exe	MO003200JWFVR	HPD5 (F)	HPD5	更新
1468	Online HDD/SSD Flash	cp053054.exe	MO000960JWFVT	HPD5 (F)	HPD5	更新

	Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives		T			
1469	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	cp053054.exe	MO001920JWFVU	HPD5 (F)	HPD5	更新
1470	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	cp053054.exe	MO003840JWFVU	HPD5 (F)	HPD5	更新
1471	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp053055.exe	MO000400JWUFT	HPD3 (D)	HPD3	更新
1472	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp053055.exe	MO000800JWUFU	HPD3 (D)	HPD3	更新
1473	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp053055.exe	MO001600JWUFV	HPD3 (D)	HPD3	更新
1474	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp053055.exe	MO003200JWUGA	HPD3 (D)	HPD3	更新

1475	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp053055.exe	MO006400JWUG B	HPD3 (D)	HPD3	更新
1476	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp053055.exe	EO000400JWUGC	HPD3 (D)	HPD3	更新
1477	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp053055.exe	EO000800JWUGD	HPD3 (D)	HPD3	更新
1478	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp053055.exe	EO001600JWUGE	HPD3 (D)	HPD3	更新
1479	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp053097.exe	MO000800JXBEV	HPD1 (C)	HPD1	更新
1480	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU,	cp053097.exe	MO001600JXBFP	HPD1 (C)	HPD1	更新

	EO000800JXBFL and EO001600JXBFN Drives					
1481	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp053097.exe	MO003200JXBFQ	HPD1 (C)	HPD1	更新
1482	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp053097.exe	MO006400JXBFR	HPD1 (C)	HPD1	更新
1483	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp053097.exe	MO000960JXBFA	HPD1 (C)	HPD1	更新
1484	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp053097.exe	MO001920JXBFT	HPD1 (C)	HPD1	更新
1485	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT,	cp053097.exe	MO003840JXBFU	HPD1 (C)	HPD1	更新

	MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives					
1486	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp053097.exe	MO007680JXBGA	HPD1 (C)	HPD1	更新
1487	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp053097.exe	MO015360JXBFV	HPD1 (C)	HPD1	更新
1488	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp053097.exe	EO000400JXBEU	HPD1 (C)	HPD1	更新
1489	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp053097.exe	EO000800JXBFL	HPD1 (C)	HPD1	更新
1490	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP,	cp053097.exe	EO001600JXBFN	HPD1 (C)	HPD1	更新

	MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives					
1491	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	cp053073.exe	EO0800JEFPP	HPD3 (H)	HPD3	更新
1492	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	cp053073.exe	EO0400JEFPE	HPD3 (H)	HPD3	更新
1493	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	cp053073.exe	EO0200JEFPP	HPD3 (H)	HPD3	更新
1494	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	cp053073.exe	MO1600JEFPC	HPD3 (H)	HPD3	更新
1495	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	cp053073.exe	MO0800JEFPB	HPD3 (H)	HPD3	更新
1496	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	cp053073.exe	MO0400JEFPA	HPD3 (H)	HPD3	更新
1497	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	cp053073.exe	MO0200JEFNV	HPD3 (H)	HPD3	更新

1498	Online HDD/SSD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	cp052099.exe	MO0400JFFCF	HPD9 (E)	HPD9	更新
1499	Online HDD/SSD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	cp052099.exe	MO0800JFFCH	HPD9 (E)	HPD9	更新
1500	Online HDD/SSD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	cp052099.exe	MO1600JFFCK	HPD9 (E)	HPD9	更新
1501	Online HDD/SSD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	cp052099.exe	MO3200JFFCL	HPD9 (E)	HPD9	更新
1502	Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp052096.exe	VK000960JWSSQ	HPD8 (E)	HPD8	更新
1503	Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp052096.exe	VK001920JWSSR	HPD8 (E)	HPD8	更新
1504	Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp052096.exe	VK003840JWSST	HPD8 (E)	HPD8	更新
1505	Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp052096.exe	VK007680JWSSU	HPD8 (E)	HPD8	更新
1506	Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp052096.exe	VO015300JWSSV	HPD8 (E)	HPD8	更新
1507	Online HDD/SSD Flash Component for Windows (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	cp053099.exe	VK0400JEABD	HPD4 (C)	HPD4	更新
1508	Online HDD/SSD Flash Component for Windows	cp053099.exe	VK0800JEABE	HPD4 (C)	HPD4	更新

	(x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives					
1509	Online HDD/SSD Flash Component for Windows (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	cp053099.exe	VO1600JEABF	HPD4 (C)	HPD4	更新
1510	Online HDD/SSD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp052095.exe	VO000480JWDAR	HPD8 (E)	HPD8	更新
1511	Online HDD/SSD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp052095.exe	VO000960JWDAT	HPD8 (E)	HPD8	更新
1512	Online HDD/SSD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp052095.exe	VO001920JWDAU	HPD8 (E)	HPD8	更新
1513	Online HDD/SSD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp052095.exe	VO003840JWDAV	HPD8 (E)	HPD8	更新
1514	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp052093.exe	VO000800JWZJP	HPD4 (C)	HPD4	更新
1515	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp052093.exe	VO001600JWZJQ	HPD4 (C)	HPD4	更新
1516	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp052093.exe	VO003200JWZJR	HPD4 (C)	HPD4	更新
1517	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp052093.exe	VO006400JWZJT	HPD4 (C)	HPD4	更新
1518	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU,	cp053096.exe	VO000960JWTKB	HPD9 (C)	HPD9	更新

	MO006400JWTCB, EO000400JWTVB, EO000800JWTVCA and EO001600JWTVCB Drives					
1519	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTVBK, VO001920JWTVBL, VO003840JWTVBN, VO007680JWTVBP, MO000400JWTVBQ, MO000800JWTVBR, MO001600JWTVBT, MO003200JWTVBU, MO006400JWTVCD, EO000400JWTVBV, EO000800JWTVCA and EO001600JWTVCB Drives	cp053096.exe	VO001920JWTVBL	HPD9 (C)	HPD9	更新
1520	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTVBK, VO001920JWTVBL, VO003840JWTVBN, VO007680JWTVBP, MO000400JWTVBQ, MO000800JWTVBR, MO001600JWTVBT, MO003200JWTVBU, MO006400JWTVCD, EO000400JWTVBV, EO000800JWTVCA and EO001600JWTVCB Drives	cp053096.exe	VO003840JWTVBN	HPD9 (C)	HPD9	更新
1521	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTVBK, VO001920JWTVBL, VO003840JWTVBN, VO007680JWTVBP, MO000400JWTVBQ, MO000800JWTVBR, MO001600JWTVBT, MO003200JWTVBU, MO006400JWTVCD, EO000400JWTVBV, EO000800JWTVCA and EO001600JWTVCB Drives	cp053096.exe	VO007680JWTVBP	HPD9 (C)	HPD9	更新
1522	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTVBK, VO001920JWTVBL, VO003840JWTVBN, VO007680JWTVBP, MO000400JWTVBQ, MO000800JWTVBR, MO001600JWTVBT, MO003200JWTVBU, MO006400JWTVCD, EO000400JWTVBV, EO000800JWTVCA and EO001600JWTVCB Drives	cp053096.exe	MO000400JWTVB Q	HPD9 (C)	HPD9	更新
1523	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTVBK, VO001920JWTVBL, VO003840JWTVBN, VO007680JWTVBP,	cp053096.exe	MO000800JWTVBR	HPD9 (C)	HPD9	更新

	MO000400JWBQ, MO000800JWBK, MO001600JWBK, MO003200JWBK, MO006400JWCD, EO000400JWBV, EO000800JWCA and EO001600JWCB Drives					
1524	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBK, MO001600JWBK, MO003200JWBK, MO006400JWCD, EO000400JWBV, EO000800JWCA and EO001600JWCB Drives	cp053096.exe	MO001600JWBK	HPD9 (C)	HPD9	更新
1525	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBK, MO001600JWBK, MO003200JWBK, MO006400JWCD, EO000400JWBV, EO000800JWCA and EO001600JWCB Drives	cp053096.exe	MO003200JWBK	HPD9 (C)	HPD9	更新
1526	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBK, MO001600JWBK, MO003200JWBK, MO006400JWCD, EO000400JWBV, EO000800JWCA and EO001600JWCB Drives	cp053096.exe	MO006400JWCD	HPD9 (C)	HPD9	更新
1527	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBK, MO001600JWBK, MO003200JWBK, MO006400JWCD, EO000400JWBV, EO000800JWCA and EO001600JWCB Drives	cp053096.exe	EO000400JWBV	HPD9 (C)	HPD9	更新
1528	Online HDD/SSD Flash Component for Windows	cp053096.exe	EO000800JWCA	HPD9 (C)	HPD9	更新

	(x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA and EO001600JWTKC Drives					
1529	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA and EO001600JWTKC Drives	cp053096.exe	EO001600JWTKC	HPD9 (C)	HPD9	更新
1530	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA and EO001600JWTKC Drives	cp053096.exe	EO003200JWTKC	HPD9 (C)	HPD9	更新
1531	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA and EO001600JWTKC Drives	cp053096.exe	MO001920JWW WV	HPD9 (C)	HPD9	更新
1532	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp052092.exe	VO000960JWZJF	HPD4 (C)	HPD4	更新
1533	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK,	cp052092.exe	VO001920JWZJH	HPD4 (C)	HPD4	更新

	VO007680JWZJL and VO015360JWZJN Drives					
1534	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp052092.exe	VO003840JWZJK	HPD4 (C)	HPD4	更新
1535	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp052092.exe	VO007680JWZJL	HPD4 (C)	HPD4	更新
1536	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp052092.exe	VO015360JWZJN	HPD4 (C)	HPD4	更新
1537	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp052785.exe	VO000960RWUEV	HPD6 (B)	HPD6	更新
1538	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp052785.exe	VO001920RWUFA	HPD6 (B)	HPD6	更新
1539	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp052785.exe	VO003840RWUFB	HPD6 (B)	HPD6	更新
1540	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp052785.exe	VO007680RWUFC	HPD6 (B)	HPD6	更新
1541	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD,	cp052785.exe	VO000960RWUFD	HPD6 (B)	HPD6	更新

	VO001920RWUFE and VO003840RWUFF Drives					
1542	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp052785.exe	VO001920RWUFE	HPD6 (B)	HPD6	更新
1543	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp052785.exe	VO003840RWUFF	HPD6 (B)	HPD6	更新
1544	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp052793.exe	VO003840XZCLT	HPD2 (B)	HPD2	更新
1545	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp052793.exe	VO007680XZCMB	HPD2 (B)	HPD2	更新
1546	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp052793.exe	MO000800XZCLQ	HPD2 (B)	HPD2	更新
1547	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp052793.exe	MO001600XZCLV	HPD2 (B)	HPD2	更新
1548	Online HDD/SSD Flash Component for Windows (x64) - VO007680JWCNK and VO015300JWCNL Drives	cp052101.exe	VO007680JWCNK	HPD8 (E)	HPD8	更新
1549	Online HDD/SSD Flash Component for Windows (x64) - VO007680JWCNK and VO015300JWCNL Drives	cp052101.exe	VO015300JWCNL	HPD8 (E)	HPD8	更新
1550	Online HDD/SSD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	cp052100.exe	VO0480JFDGT	HPD9 (E)	HPD9	更新
1551	Online HDD/SSD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	cp052100.exe	VO0960JFDGU	HPD9 (E)	HPD9	更新
1552	Online HDD/SSD Flash Component for Windows	cp052100.exe	VO1920JFDGV	HPD9 (E)	HPD9	更新

	(x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives					
1553	Online HDD/SSD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	cp052100.exe	VO3840JFDHA	HPD9 (E)	HPD9	更新
1554	Online HDD/SSD Flash Component for Windows (x64) - VO1920JEUQQ Drive	cp053088.exe	VO1920JEUQQ	HPD3 (H)	HPD3	更新

6.2.15 Firmware - SATA Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1555	Online HDD/SSD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPE and EK001600GWEPE Drives	firmware-hdd-5bf9355926-HPG3-9.1.x86_64.rpm	EK000200GWEPD	HPG3 (I)	HPG3	更新
1556	Online HDD/SSD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPE and EK001600GWEPE Drives	firmware-hdd-5bf9355926-HPG3-9.1.x86_64.rpm	EK000400GWEPE	HPG3 (I)	HPG3	更新
1557	Online HDD/SSD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPE and EK001600GWEPE Drives	firmware-hdd-5bf9355926-HPG3-9.1.x86_64.rpm	EK000800GWEPE	HPG3 (I)	HPG3	更新
1558	Online HDD/SSD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPE and EK001600GWEPE Drives	firmware-hdd-5bf9355926-HPG3-9.1.x86_64.rpm	EK001600GWEPE	HPG3 (I)	HPG3	更新
1559	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWCBC and MB002000GWCBD Drives	firmware-hdd-68b12e54d2-HPG6-8.1.x86_64.rpm	MB001000GWCBC	HPG6 (H)	HPG6	更新
1560	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWCBC and MB002000GWCBD Drives	firmware-hdd-68b12e54d2-HPG6-8.1.x86_64.rpm	MB002000GWCBD	HPG6 (H)	HPG6	更新
1561	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWFVK and MB002000GWFVL Drives	firmware-hdd-bfc4af697b-HPG6-7.1.x86_64.rpm	MB001000GWFVK	HPG6 (G)	HPG6	更新
1562	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWFVK and MB002000GWFVL Drives	firmware-hdd-bfc4af697b-HPG6-7.1.x86_64.rpm	MB002000GWFVL	HPG6 (G)	HPG6	更新
1563	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GWFVA and MB004000GWFVB Drives	firmware-hdd-d39e7a7e75-HPG1-8.1.x86_64.rpm	MB001000GWJAN	HPG1 (H)	HPG1	更新
1564	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN,	firmware-hdd-d39e7a7e75-HPG1-8.1.x86_64.rpm	MB002000GWFVA	HPG1 (H)	HPG1	更新

	MB002000GWFVA and MB004000GWFVB Drives					
1565	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GWFVA and MB004000GWFVB Drives	firmware-hdd-d39e7a7e75-HPG1-8.1.x86_64.rpm	MB004000GWFVB	HPG1 (H)	HPG1	更新
1566	Online HDD/SSD Flash Component for Linux (x64) - MB002000GWFGH and MB001000GWFGF Drives	firmware-hdd-0b575b5895-HPG3-10.1.x86_64.rpm	MB002000GWFGH	HPG3 (J)	HPG3	更新
1567	Online HDD/SSD Flash Component for Linux (x64) - MB002000GWFGH and MB001000GWFGF Drives	firmware-hdd-0b575b5895-HPG3-10.1.x86_64.rpm	MB001000GWFGF	HPG3 (J)	HPG3	更新
1568	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWKGV Drive	firmware-hdd-ca21e169e2-HPG1-7.1.x86_64.rpm	MB004000GWKGV	HPG1 (G)	HPG1	更新
1569	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	firmware-hdd-12304c1aca-HPG5-1.1.x86_64.rpm	MB004000GWWQH	HPG5	HPG5	更新
1570	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	firmware-hdd-12304c1aca-HPG5-1.1.x86_64.rpm	MB002000GWWQF	HPG5	HPG5	更新
1571	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	firmware-hdd-12304c1aca-HPG5-1.1.x86_64.rpm	MB001000GWWQE	HPG5	HPG5	更新
1572	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWBXQ and MB008000GWBXL Drives	firmware-hdd-a1fd19f9ca-HPG8-8.1.x86_64.rpm	MB006000GWBXQ	HPG8 (H)	HPG8	更新
1573	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWBXQ and MB008000GWBXL Drives	firmware-hdd-a1fd19f9ca-HPG8-8.1.x86_64.rpm	MB008000GWBXL	HPG8 (H)	HPG8	更新
1574	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWJRR and MB008000GWJRT Drives	firmware-hdd-c993b31232-HPG5-1.1.x86_64.rpm	MB006000GWJRR	HPG5	HPG5	更新
1575	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWJRR and MB008000GWJRT Drives	firmware-hdd-c993b31232-HPG5-1.1.x86_64.rpm	MB008000GWJRT	HPG5	HPG5	更新
1576	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWKGR Drive	firmware-hdd-7f2a26e6d0-HPG1-7.1.x86_64.rpm	MB006000GWKGR	HPG1 (G)	HPG1	更新
1577	Online HDD/SSD Flash Component for Linux (x64) - MB008000GWRTC Drive	firmware-hdd-82894b9e0a-HPG1-7.1.x86_64.rpm	MB008000GWRTC	HPG1 (G)	HPG1	更新
1578	Online HDD/SSD Flash Component for Linux (x64) - MB008000GWWQU and MB006000GWWQT Drives	firmware-hdd-18e328f036-HPG2-6.1.x86_64.rpm	MB008000GWWQU	HPG2 (F)	HPG2	更新
1579	Online HDD/SSD Flash Component for Linux (x64) - MB008000GWWQU and MB006000GWWQT Drives	firmware-hdd-18e328f036-HPG2-6.1.x86_64.rpm	MB006000GWWQT	HPG2 (F)	HPG2	更新
1580	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWAYN and	firmware-hdd-cc819d4bff-HPG5-9.1.x86_64.rpm	MB010000GWAYN	HPG5 (I)	HPG5	更新

	MB008000GWAYL Drives					
1581	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWAYN and MB008000GWAYL Drives	firmware-hdd-cc819d4bff-HPG5-9.1.x86_64.rpm	MB008000GWAYL	HPG5 (I)	HPG5	更新
1582	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-2.1.x86_64.rpm	MB010000GWZGT	HPG1 (B)	HPG1	新規追加
1583	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-2.1.x86_64.rpm	MB012000GWZGU	HPG1 (B)	HPG1	新規追加
1584	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-2.1.x86_64.rpm	MB014000GWZGV	HPG1 (B)	HPG1	新規追加
1585	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-2.1.x86_64.rpm	MB016000GWZHD	HPG1 (B)	HPG1	新規追加
1586	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG1-1.1.x86_64.rpm	MB010000GYDKP	HPG1	HPG1	新規追加
1587	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG1-1.1.x86_64.rpm	MB012000GYCJL	HPG1	HPG1	新規追加
1588	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG1-1.1.x86_64.rpm	MB014000GYCJT	HPG1	HPG1	新規追加
1589	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG1-1.1.x86_64.rpm	MB016000GYDKQ	HPG1	HPG1	新規追加
1590	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG1-1.1.x86_64.rpm	MB018000GYDKR	HPG1	HPG1	新規追加
1591	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd-059b8654a6-HPG3-	MB012000GWDFE	HPG3 (D)	HPG3	更新

	MB012000GWDFE Drive	4.1.x86_64.rpm				
1592	Online HDD/SSD Flash Component for Linux (x64) - MB012000GWTFE and MB014000GWTFE Drives	firmware-hdd-b78255e146-HPG7-5.1.x86_64.rpm	MB012000GWTFE	HPG7 (E)	HPG7	更新
1593	Online HDD/SSD Flash Component for Linux (x64) - MB012000GWTFE and MB014000GWTFE Drives	firmware-hdd-b78255e146-HPG7-5.1.x86_64.rpm	MB014000GWTFE	HPG7 (E)	HPG7	更新
1594	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTE Drives	firmware-hdd-6b7ce3da0e-HPG2-8.1.x86_64.rpm	MB014000GWRTN	HPG2 (H)	HPG2	更新
1595	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTE Drives	firmware-hdd-6b7ce3da0e-HPG2-8.1.x86_64.rpm	MB012000GWRTL	HPG2 (H)	HPG2	更新
1596	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTE Drives	firmware-hdd-6b7ce3da0e-HPG2-8.1.x86_64.rpm	MB010000GWRTK	HPG2 (H)	HPG2	更新
1597	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWUDA Drive	firmware-hdd-41cdb1c9da-HPG2-7.1.x86_64.rpm	MB014000GWUDA	HPG2 (G)	HPG2	更新
1598	Online HDD/SSD Flash Component for Linux (x64) - MB016000GWXK Drive	firmware-hdd-e4f147cdd2-HPG3-4.1.x86_64.rpm	MB016000GWXK	HPG3 (D)	HPG3	更新
1599	Online HDD/SSD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-12.1.x86_64.rpm	MB1000GDUNU	HPG4 (L)	HPG4	更新
1600	Online HDD/SSD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-12.1.x86_64.rpm	MB2000GDUNV	HPG4 (L)	HPG4	更新
1601	Online HDD/SSD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-12.1.x86_64.rpm	MB3000GDUPA	HPG4 (L)	HPG4	更新
1602	Online HDD/SSD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-12.1.x86_64.rpm	MB4000GDUPB	HPG4 (L)	HPG4	更新
1603	Online HDD/SSD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG5-1.1.x86_64.rpm	MB1000GVYZE	HPG5	HPG5	更新
1604	Online HDD/SSD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG5-1.1.x86_64.rpm	MB2000GVYZF	HPG5	HPG5	更新

1605	Online HDD/SSD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG5-1.1.x86_64.rpm	MB3000GVYZH	HPG5	HPG5	更新
1606	Online HDD/SSD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG5-1.1.x86_64.rpm	MB4000GVYZK	HPG5	HPG5	更新
1607	Online HDD/SSD Flash Component for Linux (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	firmware-hdd-2e70ce7412-HPG4-12.1.x86_64.rpm	MB2000GCWLT	HPG4 (L)	HPG4	更新
1608	Online HDD/SSD Flash Component for Linux (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	firmware-hdd-2e70ce7412-HPG4-12.1.x86_64.rpm	MB3000GCWLU	HPG4 (L)	HPG4	更新
1609	Online HDD/SSD Flash Component for Linux (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	firmware-hdd-2e70ce7412-HPG4-12.1.x86_64.rpm	MB4000GCWLV	HPG4 (L)	HPG4	更新
1610	Online HDD/SSD Flash Component for Linux (x64) - MB2000GFEMH and MB4000GFEMK Drives	firmware-hdd-70e3962f98-HPG6-11.1.x86_64.rpm	MB2000GFEMH	HPG6 (K)	HPG6	更新
1611	Online HDD/SSD Flash Component for Linux (x64) - MB2000GFEMH and MB4000GFEMK Drives	firmware-hdd-70e3962f98-HPG6-11.1.x86_64.rpm	MB4000GFEMK	HPG6 (K)	HPG6	更新
1612	Online HDD/SSD Flash Component for Linux (x64) - MB4000GEFNA and MB6000GEFNB Drives	firmware-hdd-40277d55d3-HPG6-12.1.x86_64.rpm	MB4000GEFNA	HPG6 (L)	HPG6	更新
1613	Online HDD/SSD Flash Component for Linux (x64) - MB4000GEFNA and MB6000GEFNB Drives	firmware-hdd-40277d55d3-HPG6-12.1.x86_64.rpm	MB6000GEFNB	HPG6 (L)	HPG6	更新
1614	Online HDD/SSD Flash Component for Linux (x64) - MB4000GEQNH and MB6000GEQNK Drives	firmware-hdd-bfc95f0628-HPGB-11.1.x86_64.rpm	MB4000GEQNH	HPGB (K)	HPGB	更新
1615	Online HDD/SSD Flash Component for Linux (x64) - MB4000GEQNH and MB6000GEQNK Drives	firmware-hdd-bfc95f0628-HPGB-11.1.x86_64.rpm	MB6000GEQNK	HPGB (K)	HPGB	更新
1616	Online HDD/SSD Flash Component for Linux (x64) - MB6000GEBTP Drive	firmware-hdd-3243fce9a0-HPG4-11.1.x86_64.rpm	MB6000GEBTP	HPG4 (K)	HPG4	更新
1617	Online HDD/SSD Flash Component for Linux (x64) - MB6000GEQUT and MB8000GEQUU Drives	firmware-hdd-1d7f19120b-HPGB-11.1.x86_64.rpm	MB6000GEQUT	HPGB (K)	HPGB	更新
1618	Online HDD/SSD Flash Component for Linux (x64) - MB6000GEQUT and MB8000GEQUU Drives	firmware-hdd-1d7f19120b-HPGB-11.1.x86_64.rpm	MB8000GEQUU	HPGB (K)	HPGB	更新
1619	Online HDD/SSD Flash Component for Linux (x64) - MB6000GEXXV Drive	firmware-hdd-a629fcea59-HPG2-12.1.x86_64.rpm	MB6000GEXXV	HPG2 (L)	HPG2	更新
1620	Online HDD/SSD Flash	firmware-hdd-	MB6000GVYYU	HPG2 (K)	HPG2	更新

	Component for Linux (x64) - MB6000GVYYU Drive	bdc37cb37f-HPG2-11.1.x86_64.rpm				
1621	Online HDD/SSD Flash Component for Linux (x64) - MB6000GVYZB and MB4000GVYZA Drives	firmware-hdd-0a7d4aa47f-HPG5-1.1.x86_64.rpm	MB6000GVYZB	HPG5	HPG5	更新
1622	Online HDD/SSD Flash Component for Linux (x64) - MB6000GVYZB and MB4000GVYZA Drives	firmware-hdd-0a7d4aa47f-HPG5-1.1.x86_64.rpm	MB4000GVYZA	HPG5	HPG5	更新
1623	Online HDD/SSD Flash Component for Linux (x64) - MB8000GFECR Drive	firmware-hdd-6d922fc9a8-HPG6-8.1.x86_64.rpm	MB8000GFECR	HPG6 (H)	HPG6	更新
1624	Online HDD/SSD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	firmware-hdd-7677644a25-HPG3-9.1.x86_64.rpm	MK000240GWCEU	HPG3 (I)	HPG3	更新
1625	Online HDD/SSD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	firmware-hdd-7677644a25-HPG3-9.1.x86_64.rpm	MK000480GWCEV	HPG3 (I)	HPG3	更新
1626	Online HDD/SSD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	firmware-hdd-7677644a25-HPG3-9.1.x86_64.rpm	MK000960GWCFA	HPG3 (I)	HPG3	更新
1627	Online HDD/SSD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	firmware-hdd-7677644a25-HPG3-9.1.x86_64.rpm	MK001920GWCFB	HPG3 (I)	HPG3	更新
1628	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd-f693ccc138-HPG3-5.1.x86_64.rpm	MK000480GWSSC	HPG3 (E)	HPG3	更新
1629	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd-f693ccc138-HPG3-5.1.x86_64.rpm	MK000960GWSSD	HPG3 (E)	HPG3	更新
1630	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd-f693ccc138-HPG3-5.1.x86_64.rpm	MK001920GWSSE	HPG3 (E)	HPG3	更新
1631	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd-f693ccc138-HPG3-5.1.x86_64.rpm	MK003840GWSSF	HPG3 (E)	HPG3	更新
1632	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFF, MK001920GWXFF and	firmware-hdd-8e1e8083c5-HPG2-3.1.x86_64.rpm	MK000480GWXFF	HPG2 (C)	HPG2	更新

	MK003840GWXFL Drives					
1633	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd-8e1e8083c5-HPG2-3.1.x86_64.rpm	MK000960GWXFH	HPG2 (C)	HPG2	更新
1634	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd-8e1e8083c5-HPG2-3.1.x86_64.rpm	MK001920GWXFK	HPG2 (C)	HPG2	更新
1635	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd-8e1e8083c5-HPG2-3.1.x86_64.rpm	MK003840GWXFL	HPG2 (C)	HPG2	更新
1636	Online HDD/SSD Flash Component for Linux (x64) - MK003840GWHT Drive	firmware-hdd-ac20a1e1c6-HPG8-4.1.x86_64.rpm	MK003840GWHT E	HPG8 (D)	HPG8	更新
1637	Online HDD/SSD Flash Component for Linux (x64) - MK0960GECQK Drive	firmware-hdd-3e34285be7-HPG3-13.1.x86_64.rpm	MK0960GECQK	HPG3 (M)	HPG3	更新
1638	Online HDD/SSD Flash Component for Linux (x64) - MM1000GFJTE Drive	firmware-hdd-95af9a555e-HPG6-1.1.x86_64.rpm	MM1000GFJTE	HPG6	HPG6	更新
1639	Online HDD/SSD Flash Component for Linux (x64) - MM2000GEFRA Drive	firmware-hdd-ec908c3650-HPG9-1.1.x86_64.rpm	MM2000GEFRA	HPG9	HPG9	更新
1640	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGG-4.1.x86_64.rpm	MR000240GWFLU	HPGG (D)	HPGG	更新
1641	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGG-4.1.x86_64.rpm	MR000480GWFLV	HPGG (D)	HPGG	更新
1642	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGG-4.1.x86_64.rpm	VR000480GWFMD	HPGG (D)	HPGG	更新
1643	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and	firmware-hdd-9196d4f720-HPGG-4.1.x86_64.rpm	MR000960GWFMA	HPGG (D)	HPGG	更新

	VR001920GWFMC Drives					
1644	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGG-4.1.x86_64.rpm	VR000960GWFME	HPGG (D)	HPGG	更新
1645	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGG-4.1.x86_64.rpm	MR001920GWFMB	HPGG (D)	HPGG	更新
1646	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGG-4.1.x86_64.rpm	VR001920GWFMC	HPGG (D)	HPGG	更新
1647	Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd-6e3845def5-HPG1-8.1.x86_64.rpm	VK000150GWCNN	HPG1 (H)	HPG1	更新
1648	Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd-6e3845def5-HPG1-8.1.x86_64.rpm	VK000240GWCNP	HPG1 (H)	HPG1	更新
1649	Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd-6e3845def5-HPG1-8.1.x86_64.rpm	VK000480GWCNQ	HPG1 (H)	HPG1	更新
1650	Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd-6e3845def5-HPG1-8.1.x86_64.rpm	VK000960GWCNR	HPG1 (H)	HPG1	更新
1651	Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd-6e3845def5-HPG1-8.1.x86_64.rpm	VK001600GWCNT	HPG1 (H)	HPG1	更新
1652	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD,	firmware-hdd-f42438de3d-HPG3-9.1.x86_64.rpm	VK000480GWCNF	HPG3 (I)	HPG3	更新

	VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives					
1653	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	firmware-hdd- f42438de3d-HPG3- 9.1.x86_64.rpm	VK000960GWCFE	HPG3 (I)	HPG3	更新
1654	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	firmware-hdd- f42438de3d-HPG3- 9.1.x86_64.rpm	VK000240GWCFD	HPG3 (I)	HPG3	更新
1655	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	firmware-hdd- f42438de3d-HPG3- 9.1.x86_64.rpm	VK001920GWCFH	HPG3 (I)	HPG3	更新
1656	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	firmware-hdd- f42438de3d-HPG3- 9.1.x86_64.rpm	VK003840GWCFK	HPG3 (I)	HPG3	更新
1657	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd- 3db7640485-HPGG- 4.1.x86_64.rpm	VK000240GWEZB	HPGG (D)	HPGG	更新
1658	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd- 3db7640485-HPGG- 4.1.x86_64.rpm	VK000480GWEZC	HPGG (D)	HPGG	更新
1659	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd- 3db7640485-HPGG- 4.1.x86_64.rpm	VK000960GWEZD	HPGG (D)	HPGG	更新
1660	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC,	firmware-hdd- 3db7640485-HPGG- 4.1.x86_64.rpm	VK001920GWEZE	HPGG (D)	HPGG	更新

	VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives					
1661	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd- 3db7640485-HPGG- 4.1.x86_64.rpm	MK000240GWEZF	HPGG (D)	HPGG	更新
1662	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd- 3db7640485-HPGG- 4.1.x86_64.rpm	MK000480GWEZ H	HPGG (D)	HPGG	更新
1663	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd- 3db7640485-HPGG- 4.1.x86_64.rpm	MK000960GWEZK	HPGG (D)	HPGG	更新
1664	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd- 3db7640485-HPGG- 4.1.x86_64.rpm	MK001920GWHR U	HPGG (D)	HPGG	更新
1665	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd- aef2a690c9-HPG5- 8.1.x86_64.rpm	MK000240GWKV K	HPG5 (H)	HPG5	更新
1666	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN,	firmware-hdd- aef2a690c9-HPG5- 8.1.x86_64.rpm	MK000480GWJPN	HPG5 (H)	HPG5	更新

	MK000960GWJPP and MK001920GWJPQ Drives					
1667	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-8.1.x86_64.rpm	MK000960GWJPP	HPG5 (H)	HPG5	更新
1668	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-8.1.x86_64.rpm	MK001920GWJPQ	HPG5 (H)	HPG5	更新
1669	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-8.1.x86_64.rpm	VK000240GWJPD	HPG5 (H)	HPG5	更新
1670	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-8.1.x86_64.rpm	VK000480GWJPE	HPG5 (H)	HPG5	更新
1671	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-8.1.x86_64.rpm	VK000960GWJPF	HPG5 (H)	HPG5	更新
1672	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN,	firmware-hdd-aef2a690c9-HPG5-8.1.x86_64.rpm	VK001920GWJPH	HPG5 (H)	HPG5	更新

	MK000960GWJPP and MK001920GWJPQ Drives					
1673	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-8.1.x86_64.rpm	VK003840GWJPK	HPG5 (H)	HPG5	更新
1674	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd-db687966b4-HPG4-5.1.x86_64.rpm	VK000240GWSRQ	HPG4 (E)	HPG4	更新
1675	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd-db687966b4-HPG4-5.1.x86_64.rpm	VK000480GWSRR	HPG4 (E)	HPG4	更新
1676	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd-db687966b4-HPG4-5.1.x86_64.rpm	VK000960GWSRT	HPG4 (E)	HPG4	更新
1677	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd-db687966b4-HPG4-5.1.x86_64.rpm	VK001920GWSRU	HPG4 (E)	HPG4	更新
1678	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd-db687966b4-HPG4-5.1.x86_64.rpm	VK003840GWSRV	HPG4 (E)	HPG4	更新
1679	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG6-5.1.x86_64.rpm	VK000240GWTSV	HPG6 (E)	HPG6	更新
1680	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD,	firmware-hdd-c566d63ca0-HPG6-5.1.x86_64.rpm	VK000480GWTTA	HPG6 (E)	HPG6	更新

	MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives					
1681	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 5.1.x86_64.rpm	VK000960GWTTB	HPG6 (E)	HPG6	更新
1682	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 5.1.x86_64.rpm	VK001920GWTTT	HPG6 (E)	HPG6	更新
1683	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 5.1.x86_64.rpm	VK003840GWTTD	HPG6 (E)	HPG6	更新
1684	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 5.1.x86_64.rpm	MK000480GWTT H	HPG6 (E)	HPG6	更新
1685	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 5.1.x86_64.rpm	MK000960GWTTK	HPG6 (E)	HPG6	更新
1686	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD,	firmware-hdd- c566d63ca0-HPG6- 5.1.x86_64.rpm	MK001920GWTTL	HPG6 (E)	HPG6	更新

	MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives					
1687	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 5.1.x86_64.rpm	MK003840GWTT N	HPG6 (E)	HPG6	更新
1688	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 4.1.x86_64.rpm	VK000240GXAWE	HPG1 (D)	HPG1	更新
1689	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 4.1.x86_64.rpm	VK000480GXAWK	HPG1 (D)	HPG1	更新
1690	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 4.1.x86_64.rpm	VK000960GXAWL	HPG1 (D)	HPG1	更新
1691	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN,	firmware-hdd- 8f9bf23306-HPG1- 4.1.x86_64.rpm	VK001920GXAWN	HPG1 (D)	HPG1	更新

	VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
1692	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 4.1.x86_64.rpm	VK003840GXAWP	HPG1 (D)	HPG1	更新
1693	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 4.1.x86_64.rpm	VK007680GXAWQ	HPG1 (D)	HPG1	更新
1694	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 4.1.x86_64.rpm	MK000480GXAWF	HPG1 (D)	HPG1	更新
1695	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT,	firmware-hdd- 8f9bf23306-HPG1- 4.1.x86_64.rpm	MK000960GXAXB	HPG1 (D)	HPG1	更新

	VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
1696	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 4.1.x86_64.rpm	MK001920GXAW R	HPG1 (D)	HPG1	更新
1697	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 4.1.x86_64.rpm	MK003840GXAW T	HPG1 (D)	HPG1	更新
1698	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 4.1.x86_64.rpm	VR000240GXBBL	HPG1 (D)	HPG1	更新
1699	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 4.1.x86_64.rpm	MR000480GXBGH	HPG1 (D)	HPG1	更新
1700	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 4.1.x86_64.rpm	MR000960GXBGK	HPG1 (D)	HPG1	更新

	VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
1701	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 4.1.x86_64.rpm	VK000480GWSXF	HPG3 (D)	HPG3	更新
1702	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 4.1.x86_64.rpm	VK000960GWSXH	HPG3 (D)	HPG3	更新
1703	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 4.1.x86_64.rpm	VK001920GWSXK	HPG3 (D)	HPG3	更新
1704	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 4.1.x86_64.rpm	MK000480GWUG F	HPG3 (D)	HPG3	更新
1705	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 4.1.x86_64.rpm	MK000960GWUG H	HPG3 (D)	HPG3	更新
1706	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 4.1.x86_64.rpm	MK001920GWUG K	HPG3 (D)	HPG3	更新
1707	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd- 492a9952f6-HPG4- 1.1.x86_64.rpm	VK000480GWTHA	HPG4	HPG4	更新

1708	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd-492a9952f6-HPG4-1.1.x86_64.rpm	VK000960GWTHB	HPG4	HPG4	更新
1709	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd-492a9952f6-HPG4-1.1.x86_64.rpm	VK001920GWTHC	HPG4	HPG4	更新
1710	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd-492a9952f6-HPG4-1.1.x86_64.rpm	VK003840GWTHD	HPG4	HPG4	更新
1711	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd-befd42bd64-HPG2-3.1.x86_64.rpm	VK000480GZCNE	HPG2 (C)	HPG2	更新
1712	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd-befd42bd64-HPG2-3.1.x86_64.rpm	VK000960GZCNF	HPG2 (C)	HPG2	更新
1713	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd-befd42bd64-HPG2-3.1.x86_64.rpm	VK001920GZCNH	HPG2 (C)	HPG2	更新
1714	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd-befd42bd64-HPG2-3.1.x86_64.rpm	VK003840GZCNK	HPG2 (C)	HPG2	更新
1715	Online HDD/SSD Flash Component for Linux (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	firmware-hdd-4b4177239b-HPG3-3.1.x86_64.rpm	VK000960GXCLD	HPG3 (C)	HPG3	更新
1716	Online HDD/SSD Flash Component for Linux (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	firmware-hdd-4b4177239b-HPG3-3.1.x86_64.rpm	VK001920GXCGP	HPG3 (C)	HPG3	更新
1717	Online HDD/SSD Flash Component for Linux (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	firmware-hdd-4b4177239b-HPG3-3.1.x86_64.rpm	VK003840GXCGQ	HPG3 (C)	HPG3	更新
1718	Online HDD/SSD Flash Component for Linux (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	firmware-hdd-4b4177239b-HPG3-3.1.x86_64.rpm	VK007680GXCGR	HPG3 (C)	HPG3	更新

1719	Online HDD/SSD Flash Component for Linux (x64) - VK003840GWSXL Drive	firmware-hdd-d1cf327bc4-HPG3-4.1.x86_64.rpm	VK003840GWSXL	HPG3 (D)	HPG3	更新
1720	Online HDD/SSD Flash Component for Linux (x64) - VK007680GWSXN Drive	firmware-hdd-b460823f70-HPG3-4.1.x86_64.rpm	VK007680GWSXN	HPG3 (D)	HPG3	更新
1721	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd-a2d4b5c742-HPG1-12.1.x86_64.rpm	VK0120GFDKE	HPG1 (L)	HPG1	更新
1722	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd-a2d4b5c742-HPG1-12.1.x86_64.rpm	VK0240GFDKF	HPG1 (L)	HPG1	更新
1723	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd-a2d4b5c742-HPG1-12.1.x86_64.rpm	VK0480GFDKH	HPG1 (L)	HPG1	更新
1724	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd-a2d4b5c742-HPG1-12.1.x86_64.rpm	VK0960GFDKK	HPG1 (L)	HPG1	更新
1725	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd-a2d4b5c742-HPG1-12.1.x86_64.rpm	VK1920GFDKL	HPG1 (L)	HPG1	更新
1726	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd-a2d4b5c742-HPG1-12.1.x86_64.rpm	VK3840GFDKN	HPG1 (L)	HPG1	更新
1727	Online HDD/SSD Flash Component for Linux (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	firmware-hdd-1a516522d1-HPG1-11.1.x86_64.rpm	VK0240GEPQN	HPG1 (K)	HPG1	更新
1728	Online HDD/SSD Flash Component for Linux (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	firmware-hdd-1a516522d1-HPG1-11.1.x86_64.rpm	VK0480GEPQP	HPG1 (K)	HPG1	更新
1729	Online HDD/SSD Flash Component for Linux (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	firmware-hdd-1a516522d1-HPG1-11.1.x86_64.rpm	VK0960GEPQQ	HPG1 (K)	HPG1	更新
1730	Online HDD/SSD Flash Component for Linux (x64) - VR000150GWEPP and	firmware-hdd-b7eb905efe-HPG1-9.1.x86_64.rpm	VR000150GWEPP	HPG1 (I)	HPG1	更新

	VR000480GWEPR Drives					
1731	Online HDD/SSD Flash Component for Linux (x64) - VR000150GWEPP and VR000480GWEPR Drives	firmware-hdd-b7eb905efe-HPG1-9.1.x86_64.rpm	VR000480GWEPR	HPG1 (I)	HPG1	更新
1732	Online HDD/SSD Flash Component for Linux (x64) - XP0120GFJSL and XP0240GFJSN Drives	firmware-hdd-d355375539-HPS4-12.1.x86_64.rpm	XP0120GFJSL	HPS4 (L)	HPS4	更新
1733	Online HDD/SSD Flash Component for Linux (x64) - XP0120GFJSL and XP0240GFJSN Drives	firmware-hdd-d355375539-HPS4-12.1.x86_64.rpm	XP0240GFJSN	HPS4 (L)	HPS4	更新
1734	Online HDD/SSD Flash Component for VMware ESXi - EK000200GWEPP, EK000400GWEPE, EK000800GWEPP and EK001600GWEPP Drives	CP053146.zip	EK000200GWEPP	HPG3 (H)	HPG3	更新
1735	Online HDD/SSD Flash Component for VMware ESXi - EK000200GWEPP, EK000400GWEPE, EK000800GWEPP and EK001600GWEPP Drives	CP053146.zip	EK000400GWEPE	HPG3 (H)	HPG3	更新
1736	Online HDD/SSD Flash Component for VMware ESXi - EK000200GWEPP, EK000400GWEPE, EK000800GWEPP and EK001600GWEPP Drives	CP053146.zip	EK000800GWEPP	HPG3 (H)	HPG3	更新
1737	Online HDD/SSD Flash Component for VMware ESXi - EK000200GWEPP, EK000400GWEPE, EK000800GWEPP and EK001600GWEPP Drives	CP053146.zip	EK001600GWEPP	HPG3 (H)	HPG3	更新
1738	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWCBC and MB002000GWCBD Drives	CP053148.zip	MB001000GWCBC	HPG6 (G)	HPG6	更新
1739	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWCBC and MB002000GWCBD Drives	CP053148.zip	MB002000GWCBC	HPG6 (G)	HPG6	更新
1740	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWFVK and MB002000GWFVL Drives	CP053149.zip	MB001000GWFVK	HPG6 (G)	HPG6	更新
1741	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWFVK and MB002000GWFVL Drives	CP053149.zip	MB002000GWFVK	HPG6 (G)	HPG6	更新
1742	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GWFVA and MB004000GWFVB Drives	CP053150.zip	MB001000GWJAN	HPG1 (G)	HPG1	更新
1743	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GWFVA and MB004000GWFVB Drives	CP053150.zip	MB002000GWFVA	HPG1 (G)	HPG1	更新
1744	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN,	CP053150.zip	MB004000GWFVA	HPG1 (G)	HPG1	更新

	MB002000GWFWA and MB004000GWFWB Drives					
1745	Online HDD/SSD Flash Component for VMware ESXi - MB002000GWFGH and MB001000GWFGF Drives	CP053151.zip	MB002000GWFGH	HPG3 (I)	HPG3	更新
1746	Online HDD/SSD Flash Component for VMware ESXi - MB002000GWFGH and MB001000GWFGF Drives	CP053151.zip	MB001000GWFGF	HPG3 (I)	HPG3	更新
1747	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWKGV Drive	CP053153.zip	MB004000GWKGV	HPG1 (G)	HPG1	更新
1748	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	CP052422.zip	MB004000GWWQH	HPG5	HPG5	更新
1749	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	CP052422.zip	MB002000GWWQF	HPG5	HPG5	更新
1750	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	CP052422.zip	MB001000GWWQE	HPG5	HPG5	更新
1751	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWBXQ and MB008000GWBXL Drives	CP053156.zip	MB006000GWBXQ	HPG8 (G)	HPG8	更新
1752	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWBXQ and MB008000GWBXL Drives	CP053156.zip	MB008000GWBXL	HPG8 (G)	HPG8	更新
1753	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWJRR and MB008000GWJRT Drives	CP053578.zip	MB006000GWJRR	HPG5	HPG5	更新
1754	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWJRR and MB008000GWJRT Drives	CP053578.zip	MB008000GWJRT	HPG5	HPG5	更新
1755	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWKGR Drive	CP053157.zip	MB006000GWKGR	HPG1 (G)	HPG1	更新
1756	Online HDD/SSD Flash Component for VMware ESXi - MB008000GWRTC Drive	CP053159.zip	MB008000GWRTC	HPG1 (G)	HPG1	更新
1757	Online HDD/SSD Flash Component for VMware ESXi - MB008000GWWQU and MB006000GWWQT Drives	CP053324.zip	MB008000GWWQU	HPG2 (E)	HPG2	更新
1758	Online HDD/SSD Flash Component for VMware ESXi - MB008000GWWQU and MB006000GWWQT Drives	CP053324.zip	MB006000GWWQT	HPG2 (E)	HPG2	更新
1759	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWAYN and MB008000GWAYL Drives	CP053169.zip	MB010000GWAYN	HPG5 (H)	HPG5	更新
1760	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWAYN and MB008000GWAYL Drives	CP053169.zip	MB008000GWAYL	HPG5 (H)	HPG5	更新

1761	Online HDD/SSD Flash Component for VMware ESXi - MB012000GWDFE Drive	CP053242.zip	MB012000GWDFE	HPG3 (C)	HPG3	更新
1762	Online HDD/SSD Flash Component for VMware ESXi - MB012000GWTFE and MB014000GWTFE Drives	CP053243.zip	MB012000GWTFE	HPG7 (D)	HPG7	更新
1763	Online HDD/SSD Flash Component for VMware ESXi - MB012000GWTFE and MB014000GWTFE Drives	CP053243.zip	MB014000GWTFE	HPG7 (D)	HPG7	更新
1764	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	CP053244.zip	MB014000GWRTN	HPG2 (G)	HPG2	更新
1765	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	CP053244.zip	MB012000GWRTL	HPG2 (G)	HPG2	更新
1766	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	CP053244.zip	MB010000GWRTK	HPG2 (G)	HPG2	更新
1767	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWUDA Drive	CP053245.zip	MB014000GWUDA	HPG2 (G)	HPG2	更新
1768	Online HDD/SSD Flash Component for VMware ESXi - MB016000GWXK Drive	CP053444.zip	MB016000GWXK	HPG3 (C)	HPG3	更新
1769	Online HDD/SSD Flash Component for VMware ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	CP053248.zip	MB1000GDUNU	HPG4 (L)	HPG4	更新
1770	Online HDD/SSD Flash Component for VMware ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	CP053248.zip	MB2000GDUNV	HPG4 (L)	HPG4	更新
1771	Online HDD/SSD Flash Component for VMware ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	CP053248.zip	MB3000GDUPA	HPG4 (L)	HPG4	更新
1772	Online HDD/SSD Flash Component for VMware ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	CP053248.zip	MB4000GDUPB	HPG4 (L)	HPG4	更新
1773	Online HDD/SSD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	CP052428.zip	MB1000GVYZE	HPG5	HPG5	更新
1774	Online HDD/SSD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF,	CP052428.zip	MB2000GVYZF	HPG5	HPG5	更新

	MB3000GVYZH and MB4000GVYZK Drives					
1775	Online HDD/SSD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	CP052428.zip	MB3000GVYZH	HPG5	HPG5	更新
1776	Online HDD/SSD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	CP052428.zip	MB4000GVYZK	HPG5	HPG5	更新
1777	Online HDD/SSD Flash Component for VMware ESXi - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	CP053251.zip	MB2000GCWLT	HPG4 (L)	HPG4	更新
1778	Online HDD/SSD Flash Component for VMware ESXi - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	CP053251.zip	MB3000GCWLU	HPG4 (L)	HPG4	更新
1779	Online HDD/SSD Flash Component for VMware ESXi - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	CP053251.zip	MB4000GCWLV	HPG4 (L)	HPG4	更新
1780	Online HDD/SSD Flash Component for VMware ESXi - MB2000GFEMH and MB4000GFEMK Drives	CP053259.zip	MB2000GFEMH	HPG6 (J)	HPG6	更新
1781	Online HDD/SSD Flash Component for VMware ESXi - MB2000GFEMH and MB4000GFEMK Drives	CP053259.zip	MB4000GFEMK	HPG6 (J)	HPG6	更新
1782	Online HDD/SSD Flash Component for VMware ESXi - MB4000GEFNA and MB6000GEFNB Drives	CP053273.zip	MB4000GEFNA	HPG6 (J)	HPG6	更新
1783	Online HDD/SSD Flash Component for VMware ESXi - MB4000GEFNA and MB6000GEFNB Drives	CP053273.zip	MB6000GEFNB	HPG6 (J)	HPG6	更新
1784	Online HDD/SSD Flash Component for VMware ESXi - MB4000GEQNH and MB6000GEQNK Drives	CP053274.zip	MB4000GEQNH	HPGB (J)	HPGB	更新
1785	Online HDD/SSD Flash Component for VMware ESXi - MB4000GEQNH and MB6000GEQNK Drives	CP053274.zip	MB6000GEQNK	HPGB (J)	HPGB	更新
1786	Online HDD/SSD Flash Component for VMware ESXi - MB6000GEBTP Drive	CP053278.zip	MB6000GEBTP	HPG4 (J)	HPG4	更新
1787	Online HDD/SSD Flash Component for VMware ESXi - MB6000GEQUT and MB8000GEQUU Drives	CP053279.zip	MB6000GEQUT	HPGB (J)	HPGB	更新
1788	Online HDD/SSD Flash Component for VMware ESXi - MB6000GEQUT and MB8000GEQUU Drives	CP053279.zip	MB8000GEQUU	HPGB (J)	HPGB	更新
1789	Online HDD/SSD Flash Component for VMware ESXi	CP053296.zip	MB6000GEXXV	HPG2 (L)	HPG2	更新

	- MB6000GEXXV Drive					
1790	Online HDD/SSD Flash Component for VMware ESXi - MB6000GVYYU Drive	CP053280.zip	MB6000GVYYU	HPG2 (J)	HPG2	更新
1791	Online HDD/SSD Flash Component for VMware ESXi - MB6000GVYZB and MB4000GVYZA Drives	CP052425.zip	MB6000GVYZB	HPG5	HPG5	更新
1792	Online HDD/SSD Flash Component for VMware ESXi - MB6000GVYZB and MB4000GVYZA Drives	CP052425.zip	MB4000GVYZA	HPG5	HPG5	更新
1793	Online HDD/SSD Flash Component for VMware ESXi - MB8000GFECR Drive	CP053284.zip	MB8000GFECR	HPG6 (H)	HPG6	更新
1794	Online HDD/SSD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFCB Drives	CP053288.zip	MK000240GWCEU	HPG3 (H)	HPG3	更新
1795	Online HDD/SSD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFCB Drives	CP053288.zip	MK000480GWCEV	HPG3 (H)	HPG3	更新
1796	Online HDD/SSD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFCB Drives	CP053288.zip	MK000960GWCFA	HPG3 (H)	HPG3	更新
1797	Online HDD/SSD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFCB Drives	CP053288.zip	MK001920GWCFCB	HPG3 (H)	HPG3	更新
1798	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP053326.zip	MK000480GWSSC	HPG3 (D)	HPG3	更新
1799	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP053326.zip	MK000960GWSSD	HPG3 (D)	HPG3	更新
1800	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP053326.zip	MK001920GWSSE	HPG3 (D)	HPG3	更新
1801	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP053326.zip	MK003840GWSSF	HPG3 (D)	HPG3	更新
1802	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF,	CP053124.zip	MK000480GWXFF	HPG2 (B)	HPG2	更新

	MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives					
1803	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP053124.zip	MK000960GWXF H	HPG2 (B)	HPG2	更新
1804	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP053124.zip	MK001920GWXFK	HPG2 (B)	HPG2	更新
1805	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP053124.zip	MK003840GWXFL	HPG2 (B)	HPG2	更新
1806	Online HDD/SSD Flash Component for VMware ESXi - MK003840GWHT E Drive	CP053286.zip	MK003840GWHT E	HPG8 (C)	HPG8	更新
1807	Online HDD/SSD Flash Component for VMware ESXi - MK0960GECQK Drive	CP053287.zip	MK0960GECQK	HPG3 (M)	HPG3	更新
1808	Online HDD/SSD Flash Component for VMware ESXi - MM1000GFJTE Drive	CP052334.zip	MM1000GFJTE	HPG6	HPG6	更新
1809	Online HDD/SSD Flash Component for VMware ESXi - MM2000GEFRA Drive	CP052134.zip	MM2000GEFRA	HPG9	HPG9	更新
1810	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP051648.zip	MR000240GWFLU	HPGG (C)	HPGG	更新
1811	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP051648.zip	MR000480GWFLV	HPGG (C)	HPGG	更新
1812	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP051648.zip	VR000480GWF M D	HPGG (C)	HPGG	更新
1813	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA,	CP051648.zip	MR000960GWF M A	HPGG (C)	HPGG	更新

	VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives					
1814	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP051648.zip	VR000960GWFME	HPGG (C)	HPGG	更新
1815	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP051648.zip	MR001920GWFMB	HPGG (C)	HPGG	更新
1816	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP051648.zip	VR001920GWFMC	HPGG (C)	HPGG	更新
1817	Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP053299.zip	VK000150GWCNN	HPG1 (G)	HPG1	更新
1818	Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP053299.zip	VK000240GWCNP	HPG1 (G)	HPG1	更新
1819	Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP053299.zip	VK000480GWCNQ	HPG1 (G)	HPG1	更新
1820	Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP053299.zip	VK000960GWCNR	HPG1 (G)	HPG1	更新
1821	Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP053299.zip	VK001600GWCNT	HPG1 (G)	HPG1	更新
1822	Online HDD/SSD Flash	CP053305.zip	VK000240GWCFD	HPG3 (H)	HPG3	更新

	Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives.					
1823	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives.	CP053305.zip	VK000480GWCFE	HPG3 (H)	HPG3	更新
1824	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives.	CP053305.zip	VK000960GWCFE	HPG3 (H)	HPG3	更新
1825	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives.	CP053305.zip	VK001920GWCFH	HPG3 (H)	HPG3	更新
1826	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives.	CP053305.zip	VK003840GWCFK	HPG3 (H)	HPG3	更新
1827	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP053300.zip	VK000240GWEZB	HPGG (C)	HPGG	更新
1828	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP053300.zip	VK000480GWEZC	HPGG (C)	HPGG	更新
1829	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP053300.zip	VK000960GWEZD	HPGG (C)	HPGG	更新
1830	Online HDD/SSD Flash Component for VMware ESXi	CP053300.zip	VK001920GWEZE	HPGG (C)	HPGG	更新

	- VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives					
1831	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP053300.zip	MK000240GWEZF	HPGG (C)	HPGG	更新
1832	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP053300.zip	MK000480GWEZ H	HPGG (C)	HPGG	更新
1833	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP053300.zip	MK000960GWEZK	HPGG (C)	HPGG	更新
1834	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP053300.zip	MK001920GWHR U	HPGG (C)	HPGG	更新
1835	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP053331.zip	MK000240GWKV K	HPG5 (G)	HPG5	更新
1836	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK,	CP053331.zip	MK000480GWJPN	HPG5 (G)	HPG5	更新

	MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives					
1837	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP053331.zip	MK000960GWJPP	HPG5 (G)	HPG5	更新
1838	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP053331.zip	MK001920GWJPQ	HPG5 (G)	HPG5	更新
1839	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP053331.zip	VK000240GWJPD	HPG5 (G)	HPG5	更新
1840	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP053331.zip	VK000480GWJPE	HPG5 (G)	HPG5	更新
1841	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP053331.zip	VK000960GWJPF	HPG5 (G)	HPG5	更新
1842	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK,	CP053331.zip	VK001920GWJPH	HPG5 (G)	HPG5	更新

	MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives					
1843	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP053331.zip	VK003840GWJPK	HPG5 (G)	HPG5	更新
1844	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP053327.zip	VK000240GWSRQ	HPG4 (D)	HPG4	更新
1845	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP053327.zip	VK000480GWSRR	HPG4 (D)	HPG4	更新
1846	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP053327.zip	VK000960GWSRT	HPG4 (D)	HPG4	更新
1847	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP053327.zip	VK001920GWSRU	HPG4 (D)	HPG4	更新
1848	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP053327.zip	VK003840GWSRV	HPG4 (D)	HPG4	更新
1849	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP053311.zip	VK000240GWTSV	HPG6 (D)	HPG6	更新
1850	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB,	CP053311.zip	VK000480GWTTA	HPG6 (D)	HPG6	更新

	VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTTL and MK003840GWTTN Drives					
1851	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTTL and MK003840GWTTN Drives	CP053311.zip	VK000960GWTTB	HPG6 (D)	HPG6	更新
1852	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTTL and MK003840GWTTN Drives	CP053311.zip	VK001920GWTTTC	HPG6 (D)	HPG6	更新
1853	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTTL and MK003840GWTTN Drives	CP053311.zip	VK003840GWTTD	HPG6 (D)	HPG6	更新
1854	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTTL and MK003840GWTTN Drives	CP053311.zip	MK000480GWTT H	HPG6 (D)	HPG6	更新
1855	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTTL and MK003840GWTTN Drives	CP053311.zip	MK000960GWTTK	HPG6 (D)	HPG6	更新
1856	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB,	CP053311.zip	MK001920GWTTL	HPG6 (D)	HPG6	更新

	VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives					
1857	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP053311.zip	MK003840GWTT N	HPG6 (D)	HPG6	更新
1858	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920 GXAWR, MK003840GXAWT, VR000240XBBL, MR000480XBGH and MR000960XBGK Drives	CP053452.zip	VK000240GXAWE	HPG1 (C)	HPG1	更新
1859	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920 GXAWR, MK003840GXAWT, VR000240XBBL, MR000480XBGH and MR000960XBGK Drives	CP053452.zip	VK000480GXAWK	HPG1 (C)	HPG1	更新
1860	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920 GXAWR, MK003840GXAWT, VR000240XBBL, MR000480XBGH and MR000960XBGK Drives	CP053452.zip	VK000960GXAWL	HPG1 (C)	HPG1	更新
1861	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP,	CP053452.zip	VK001920GXAWN	HPG1 (C)	HPG1	更新

	VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
1862	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053452.zip	VK003840GXAWP	HPG1 (C)	HPG1	更新
1863	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053452.zip	VK007680GXAWQ	HPG1 (C)	HPG1	更新
1864	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053452.zip	MK000480GXAWF	HPG1 (C)	HPG1	更新
1865	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053452.zip	MK000960GXAXB	HPG1 (C)	HPG1	更新
1866	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF,	CP053452.zip	MK001920GXAW R	HPG1 (C)	HPG1	更新

	VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
1867	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053452.zip	MK003840GXAW T	HPG1 (C)	HPG1	更新
1868	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053452.zip	VR000240GXBBL	HPG1 (C)	HPG1	更新
1869	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053452.zip	MR000480GXBGH	HPG1 (C)	HPG1	更新
1870	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and	CP053452.zip	MR000960GXBGK	HPG1 (C)	HPG1	更新

	MR000960GXBGK Drives					
1871	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP053312.zip	VK000480GWSXF	HPG3 (C)	HPG3	更新
1872	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP053312.zip	VK000960GWSXH	HPG3 (C)	HPG3	更新
1873	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP053312.zip	VK001920GWSXK	HPG3 (C)	HPG3	更新
1874	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP053312.zip	MK000480GWUG F	HPG3 (C)	HPG3	更新
1875	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP053312.zip	MK000960GWUG H	HPG3 (C)	HPG3	更新
1876	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP053312.zip	MK001920GWUG K	HPG3 (C)	HPG3	更新
1877	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP053598.zip	VK000480GWTHA	HPG4	HPG4	更新
1878	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP053598.zip	VK000960GWTHB	HPG4	HPG4	更新
1879	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and	CP053598.zip	VK001920GWTHC	HPG4	HPG4	更新

	VK003840GWTHD Drives					
1880	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP053598.zip	VK003840GWTHD	HPG4	HPG4	更新
1881	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP053477.zip	VK000480GZCNE	HPG2 (B)	HPG2	更新
1882	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP053477.zip	VK000960GZCNF	HPG2 (B)	HPG2	更新
1883	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP053477.zip	VK001920GZCNH	HPG2 (B)	HPG2	更新
1884	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP053477.zip	VK003840GZCNK	HPG2 (B)	HPG2	更新
1885	Online HDD/SSD Flash Component for VMware ESXi - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	CP053205.zip	VK000960GXCLD	HPG3 (B)	HPG3	更新
1886	Online HDD/SSD Flash Component for VMware ESXi - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	CP053205.zip	VK001920GXCGP	HPG3 (B)	HPG3	更新
1887	Online HDD/SSD Flash Component for VMware ESXi - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	CP053205.zip	VK003840GXCGQ	HPG3 (B)	HPG3	更新
1888	Online HDD/SSD Flash Component for VMware ESXi - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	CP053205.zip	VK007680GXCGR	HPG3 (B)	HPG3	更新
1889	Online HDD/SSD Flash Component for VMware ESXi - VK003840GWSXL Drive	CP053313.zip	VK003840GWSXL	HPG3 (C)	HPG3	更新
1890	Online HDD/SSD Flash Component for VMware ESXi - VK007680GWSXN Drive	CP053301.zip	VK007680GWSXN	HPG3 (C)	HPG3	更新
1891	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH,	CP053318.zip	VK0120GFDKE	HPG1 (K)	HPG1	更新

	VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives					
1892	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP053318.zip	VK0240GFDKF	HPG1 (K)	HPG1	更新
1893	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP053318.zip	VK0480GFDKH	HPG1 (K)	HPG1	更新
1894	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP053318.zip	VK0960GFDKK	HPG1 (K)	HPG1	更新
1895	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP053318.zip	VK1920GFDKL	HPG1 (K)	HPG1	更新
1896	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP053318.zip	VK3840GFDKN	HPG1 (K)	HPG1	更新
1897	Online HDD/SSD Flash Component for VMware ESXi - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	CP053319.zip	VK0240GEPQN	HPG1 (K)	HPG1	更新
1898	Online HDD/SSD Flash Component for VMware ESXi - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	CP053319.zip	VK0480GEPQP	HPG1 (K)	HPG1	更新
1899	Online HDD/SSD Flash Component for VMware ESXi - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	CP053319.zip	VK0960GEPQQ	HPG1 (K)	HPG1	更新
1900	Online HDD/SSD Flash Component for VMware ESXi - VR000150GWEPP and VR000480GWEPR Drives	CP053323.zip	VR000150GWEPP	HPG1 (H)	HPG1	更新
1901	Online HDD/SSD Flash Component for VMware ESXi - VR000150GWEPP and VR000480GWEPR Drives	CP053323.zip	VR000480GWEPR	HPG1 (H)	HPG1	更新

1902	Online HDD/SSD Flash Component for VMware ESXi - XP0120GFJSL and XP0240GFJSN Drives	CP053322.zip	XP0120GFJSL	HPS4 (K)	HPS4	更新
1903	Online HDD/SSD Flash Component for VMware ESXi - XP0120GFJSL and XP0240GFJSN Drives	CP053322.zip	XP0240GFJSN	HPS4 (K)	HPS4	更新
1904	Online HDD/SSD Flash Component for Windows (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPF and EK001600GWEPH Drives	cp053021.exe	EK000200GWEPD	HPG3 (G)	HPG3	更新
1905	Online HDD/SSD Flash Component for Windows (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPF and EK001600GWEPH Drives	cp053021.exe	EK000400GWEPE	HPG3 (G)	HPG3	更新
1906	Online HDD/SSD Flash Component for Windows (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPF and EK001600GWEPH Drives	cp053021.exe	EK000800GWEPF	HPG3 (G)	HPG3	更新
1907	Online HDD/SSD Flash Component for Windows (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPF and EK001600GWEPH Drives	cp053021.exe	EK001600GWEPH	HPG3 (G)	HPG3	更新
1908	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives	cp052748.exe	MB001000GWCBC C	HPG6 (F)	HPG6	更新
1909	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives	cp052748.exe	MB002000GWCBC D	HPG6 (F)	HPG6	更新
1910	Online HDD/SSD Flash Component for Windows (x64) - MB001000GFWK and MB002000GFWL Drives	cp052767.exe	MB001000GFWK K	HPG6 (F)	HPG6	更新
1911	Online HDD/SSD Flash Component for Windows (x64) - MB001000GFWK and MB002000GFWL Drives	cp052767.exe	MB002000GFWL L	HPG6 (F)	HPG6	更新
1912	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives	cp052750.exe	MB001000GWJAN	HPG1 (F)	HPG1	更新
1913	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives	cp052750.exe	MB002000GFWF A	HPG1 (F)	HPG1	更新
1914	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives	cp052750.exe	MB004000GFWF B	HPG1 (F)	HPG1	更新
1915	Online HDD/SSD Flash	cp053023.exe	MB001000GWFG	HPG3 (H)	HPG3	更新

	Component for Windows (x64) - MB002000GWFGH and MB001000GWFGF Drives		F			
1916	Online HDD/SSD Flash Component for Windows (x64) - MB002000GWFGH and MB001000GWFGF Drives	cp053023.exe	MB002000GWFGH	HPG3 (H)	HPG3	更新
1917	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWKGV Drive	cp052751.exe	MB004000GWKGV	HPG1 (F)	HPG1	更新
1918	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	cp052423.exe	MB004000GWWQH	HPG5	HPG5	更新
1919	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	cp052423.exe	MB002000GWWQF	HPG5	HPG5	更新
1920	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	cp052423.exe	MB001000GWWQE	HPG5	HPG5	更新
1921	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWBXQ and MB008000GWBXL Drives	cp053024.exe	MB006000GWBXQ	HPG8 (F)	HPG8	更新
1922	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWBXQ and MB008000GWBXL Drives	cp053024.exe	MB008000GWBXL	HPG8 (F)	HPG8	更新
1923	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWJRR and MB008000GWJRT Drives	cp053577.exe	MB006000GWJRR	HPG5	HPG5	更新
1924	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWJRR and MB008000GWJRT Drives	cp053577.exe	MB008000GWJRT	HPG5	HPG5	更新
1925	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWKGR Drive	cp052752.exe	MB006000GWKGR	HPG1 (F)	HPG1	更新
1926	Online HDD/SSD Flash Component for Windows (x64) - MB008000GWRTC Drive	cp052753.exe	MB008000GWRTC	HPG1 (F)	HPG1	更新
1927	Online HDD/SSD Flash Component for Windows (x64) - MB008000GWWQU and MB006000GWWQT Drives	cp052798.exe	MB008000GWWQU	HPG2 (E)	HPG2	更新
1928	Online HDD/SSD Flash Component for Windows (x64) - MB008000GWWQU and MB006000GWWQT Drives	cp052798.exe	MB006000GWWQT	HPG2 (E)	HPG2	更新
1929	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWAYN and MB008000GWAYL Drives	cp053025.exe	MB010000GWAYN	HPG5 (G)	HPG5	更新
1930	Online HDD/SSD Flash Component for Windows	cp053025.exe	MB008000GWAYL	HPG5 (G)	HPG5	更新

	(x64) - MB010000GWAYN and MB008000GWAYL Drives					
1931	Online HDD/SSD Flash Component for Windows (x64) - MB012000GWDFF Drive	cp052754.exe	MB012000GWDF E	HPG3 (C)	HPG3	更新
1932	Online HDD/SSD Flash Component for Windows (x64) - MB012000GWTFF and MB014000GWTFF Drives	cp052755.exe	MB012000GWTFF E	HPG7 (D)	HPG7	更新
1933	Online HDD/SSD Flash Component for Windows (x64) - MB012000GWTFF and MB014000GWTFF Drives	cp052755.exe	MB014000GWTFF	HPG7 (D)	HPG7	更新
1934	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp053027.exe	MB014000GWRT N	HPG2 (F)	HPG2	更新
1935	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp053027.exe	MB012000GWRTL	HPG2 (F)	HPG2	更新
1936	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp053027.exe	MB010000GWRT K	HPG2 (F)	HPG2	更新
1937	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWUDA Drive	cp052502.exe	MB014000GWUD A	HPG2 (F)	HPG2	更新
1938	Online HDD/SSD Flash Component for Windows (x64) - MB016000GWXKK Drive	cp052776.exe	MB016000GWXK K	HPG3 (C)	HPG3	更新
1939	Online HDD/SSD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	cp053029.exe	MB1000GDUNU	HPG4 (J)	HPG4	更新
1940	Online HDD/SSD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	cp053029.exe	MB2000GDUNV	HPG4 (J)	HPG4	更新
1941	Online HDD/SSD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	cp053029.exe	MB3000GDUPA	HPG4 (J)	HPG4	更新
1942	Online HDD/SSD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	cp053029.exe	MB4000GDUPB	HPG4 (J)	HPG4	更新
1943	Online HDD/SSD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and	cp052429.exe	MB1000GVYZE	HPG5	HPG5	更新

	MB4000GVYZK Drives					
1944	Online HDD/SSD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	cp052429.exe	MB2000GVYZF	HPG5	HPG5	更新
1945	Online HDD/SSD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	cp052429.exe	MB3000GVYZH	HPG5	HPG5	更新
1946	Online HDD/SSD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	cp052429.exe	MB4000GVYZK	HPG5	HPG5	更新
1947	Online HDD/SSD Flash Component for Windows (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	cp053031.exe	MB2000GCWLT	HPG4 (J)	HPG4	更新
1948	Online HDD/SSD Flash Component for Windows (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	cp053031.exe	MB3000GCWLU	HPG4 (J)	HPG4	更新
1949	Online HDD/SSD Flash Component for Windows (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	cp053031.exe	MB4000GCWLV	HPG4 (J)	HPG4	更新
1950	Online HDD/SSD Flash Component for Windows (x64) - MB2000GFEMH and MB4000GFEMK Drives	cp053032.exe	MB2000GFEMH	HPG6 (I)	HPG6	更新
1951	Online HDD/SSD Flash Component for Windows (x64) - MB2000GFEMH and MB4000GFEMK Drives	cp053032.exe	MB4000GFEMK	HPG6 (I)	HPG6	更新
1952	Online HDD/SSD Flash Component for Windows (x64) - MB4000GEFNA and MB6000GEFNB Drives	cp053035.exe	MB4000GEFNA	HPG6 (J)	HPG6	更新
1953	Online HDD/SSD Flash Component for Windows (x64) - MB4000GEFNA and MB6000GEFNB Drives	cp053035.exe	MB6000GEFNB	HPG6 (J)	HPG6	更新
1954	Online HDD/SSD Flash Component for Windows (x64) - MB4000GEQNH and MB6000GEQNK Drives	cp053036.exe	MB4000GEQNH	HPGB (I)	HPGB	更新
1955	Online HDD/SSD Flash Component for Windows (x64) - MB4000GEQNH and MB6000GEQNK Drives	cp053036.exe	MB6000GEQNK	HPGB (I)	HPGB	更新
1956	Online HDD/SSD Flash Component for Windows (x64) - MB6000GEBTP Drive	cp053039.exe	MB6000GEBTP	HPG4 (I)	HPG4	更新
1957	Online HDD/SSD Flash Component for Windows (x64) - MB6000GEQUT and MB8000GEQUU Drives	cp053040.exe	MB6000GEQUT	HPGB (I)	HPGB	更新
1958	Online HDD/SSD Flash	cp053040.exe	MB8000GEQUU	HPGB (I)	HPGB	更新

	Component for Windows (x64) - MB6000GEQUT and MB8000GEQUU Drives					
1959	Online HDD/SSD Flash Component for Windows (x64) - MB6000GEXXV Drive	cp052760.exe	MB6000GEXXV	HPG2 (J)	HPG2	更新
1960	Online HDD/SSD Flash Component for Windows (x64) - MB6000GVYYU Drive	cp053041.exe	MB6000GVYYU	HPG2 (I)	HPG2	更新
1961	Online HDD/SSD Flash Component for Windows (x64) - MB6000GVYZB and MB4000GVYZA Drives	cp052426.exe	MB6000GVYZB	HPG5	HPG5	更新
1962	Online HDD/SSD Flash Component for Windows (x64) - MB6000GVYZB and MB4000GVYZA Drives	cp052426.exe	MB4000GVYZA	HPG5	HPG5	更新
1963	Online HDD/SSD Flash Component for Windows (x64) - MB8000GFECR Drive	cp053049.exe	MB8000GFECR	HPG6 (F)	HPG6	更新
1964	Online HDD/SSD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCF A and MK001920GWCFB Drives	cp053053.exe	MK000480GWCE V	HPG3 (G)	HPG3	更新
1965	Online HDD/SSD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCF A and MK001920GWCFB Drives	cp053053.exe	MK000960GWCF A	HPG3 (G)	HPG3	更新
1966	Online HDD/SSD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCF A and MK001920GWCFB Drives	cp053053.exe	MK001920GWCFB	HPG3 (G)	HPG3	更新
1967	Online HDD/SSD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCF A and MK001920GWCFB Drives	cp053053.exe	MK000240GWCE U	HPG3 (G)	HPG3	更新
1968	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	cp052764.exe	MK000480GWSSC	HPG3 (D)	HPG3	更新
1969	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	cp052764.exe	MK000960GWSSD	HPG3 (D)	HPG3	更新
1970	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	cp052764.exe	MK001920GWSSE	HPG3 (D)	HPG3	更新
1971	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD,	cp052764.exe	MK003840GWSSF	HPG3 (D)	HPG3	更新

	MK001920GWSSE and MK003840GWSSF Drives					
1972	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp052782.exe	MK000480GWXFF	HPG2 (B)	HPG2	更新
1973	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp052782.exe	MK000960GWXFH	HPG2 (B)	HPG2	更新
1974	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp052782.exe	MK001920GWXFK	HPG2 (B)	HPG2	更新
1975	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp052782.exe	MK003840GWXFL	HPG2 (B)	HPG2	更新
1976	Online HDD/SSD Flash Component for Windows (x64) - MK003840GWHT Drive	cp053051.exe	MK003840GWHT E	HPG8 (C)	HPG8	更新
1977	Online HDD/SSD Flash Component for Windows (x64) - MK0960GECQK Drive	cp053052.exe	MK0960GECQK	HPG3 (L)	HPG3	更新
1978	Online HDD/SSD Flash Component for Windows (x64) - MM1000GFJTE Drive	cp052336.exe	MM1000GFJTE	HPG6	HPG6	更新
1979	Online HDD/SSD Flash Component for Windows (x64) - MM2000GEFRA Drive	cp052135.exe	MM2000GEFRA	HPG9	HPG9	更新
1980	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp053076.exe	MR000240GWFLU	HPGG (C)	HPGG	更新
1981	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp053076.exe	MR000480GWFLV	HPGG (C)	HPGG	更新
1982	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp053076.exe	VR000480GWFMD	HPGG (C)	HPGG	更新

1983	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp053076.exe	MR000960GWFMA	HPGG (C)	HPGG	更新
1984	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp053076.exe	VR000960GWFME	HPGG (C)	HPGG	更新
1985	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp053076.exe	MR001920GWFMB	HPGG (C)	HPGG	更新
1986	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp053076.exe	VR001920GWFMC	HPGG (C)	HPGG	更新
1987	Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp053077.exe	VK000150GWCNN	HPG1 (F)	HPG1	更新
1988	Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp053077.exe	VK000240GWCNP	HPG1 (F)	HPG1	更新
1989	Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp053077.exe	VK000480GWCNQ	HPG1 (F)	HPG1	更新
1990	Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp053077.exe	VK000960GWCNR	HPG1 (F)	HPG1	更新
1991	Online HDD/SSD Flash Component for Windows	cp053077.exe	VK001600GWCNT	HPG1 (F)	HPG1	更新

	(x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives					
1992	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp053082.exe	VK000480GWCFE	HPG3 (G)	HPG3	更新
1993	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp053082.exe	VK000960GWCFE	HPG3 (G)	HPG3	更新
1994	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp053082.exe	VK000240GWCFD	HPG3 (G)	HPG3	更新
1995	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp053082.exe	VK001920GWCFH	HPG3 (G)	HPG3	更新
1996	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp053082.exe	VK003840GWCFK	HPG3 (G)	HPG3	更新
1997	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp053080.exe	VK000240GWEZB	HPGG (C)	HPGG	更新
1998	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp053080.exe	VK000480GWEZC	HPGG (C)	HPGG	更新
1999	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE,	cp053080.exe	VK000960GWEZD	HPGG (C)	HPGG	更新

	MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives					
2000	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp053080.exe	VK001920GWEZE	HPGG (C)	HPGG	更新
2001	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp053080.exe	MK000240GWEZF	HPGG (C)	HPGG	更新
2002	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp053080.exe	MK000480GWEZ H	HPGG (C)	HPGG	更新
2003	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp053080.exe	MK000960GWEZK	HPGG (C)	HPGG	更新
2004	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp053080.exe	MK001920GWHR U	HPGG (C)	HPGG	更新
2005	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp053095.exe	MK000240GWKV K	HPG5 (F)	HPG5	更新
2006	Online HDD/SSD Flash	cp053095.exe	MK000480GWJPN	HPG5 (F)	HPG5	更新

	Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives					
2007	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp053095.exe	MK000960GWJPP	HPG5 (F)	HPG5	更新
2008	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp053095.exe	MK001920GWJPQ	HPG5 (F)	HPG5	更新
2009	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp053095.exe	VK000240GWJPD	HPG5 (F)	HPG5	更新
2010	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp053095.exe	VK000480GWJPE	HPG5 (F)	HPG5	更新
2011	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp053095.exe	VK000960GWJPF	HPG5 (F)	HPG5	更新
2012	Online HDD/SSD Flash	cp053095.exe	VK001920GWJPH	HPG5 (F)	HPG5	更新

	Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives					
2013	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp053095.exe	VK003840GWJPK	HPG5 (F)	HPG5	更新
2014	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp052763.exe	VK000240GWSRQ	HPG4 (D)	HPG4	更新
2015	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp052763.exe	VK000480GWSRR	HPG4 (D)	HPG4	更新
2016	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp052763.exe	VK000960GWSRT	HPG4 (D)	HPG4	更新
2017	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp052763.exe	VK001920GWSRU	HPG4 (D)	HPG4	更新
2018	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp052763.exe	VK003840GWSRV	HPG4 (D)	HPG4	更新
2019	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and	cp052761.exe	VK000240GWTSV	HPG6 (D)	HPG6	更新

	MK003840GWTTN Drives					
2020	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	cp052761.exe	VK000480GWTTA	HPG6 (D)	HPG6	更新
2021	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	cp052761.exe	VK000960GWTTB	HPG6 (D)	HPG6	更新
2022	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	cp052761.exe	VK001920GWTTT	HPG6 (D)	HPG6	更新
2023	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	cp052761.exe	VK003840GWTTD	HPG6 (D)	HPG6	更新
2024	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	cp052761.exe	MK000480GWTT H	HPG6 (D)	HPG6	更新
2025	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and	cp052761.exe	MK000960GWTTK	HPG6 (D)	HPG6	更新

	MK003840GWTTN Drives					
2026	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp052761.exe	MK001920GWTTL	HPG6 (D)	HPG6	更新
2027	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp052761.exe	MK003840GWTTN	HPG6 (D)	HPG6	更新
2028	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp052779.exe	VK000240GXAWE	HPG1 (C)	HPG1	更新
2029	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp052779.exe	VK000480GXAWK	HPG1 (C)	HPG1	更新
2030	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL,	cp052779.exe	VK000960GXAWL	HPG1 (C)	HPG1	更新

	MR000480GXBGH and MR000960GXBGK Drives					
2031	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp052779.exe	VK001920GXAWN	HPG1 (C)	HPG1	更新
2032	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp052779.exe	VK003840GXAWP	HPG1 (C)	HPG1	更新
2033	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp052779.exe	VK007680GXAWQ	HPG1 (C)	HPG1	更新
2034	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp052779.exe	MK000480GXAWF	HPG1 (C)	HPG1	更新
2035	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWA, VK000480GXAWK,	cp052779.exe	MK000960GXAXB	HPG1 (C)	HPG1	更新

	VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
2036	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp052779.exe	MK001920GXAW R	HPG1 (C)	HPG1	更新
2037	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp052779.exe	MK003840GXAW T	HPG1 (C)	HPG1	更新
2038	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp052779.exe	VR000240GXBBL	HPG1 (C)	HPG1	更新
2039	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,	cp052779.exe	MR000480GXBGH	HPG1 (C)	HPG1	更新

	MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
2040	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp052779.exe	MR000960GXBGK	HPG1 (C)	HPG1	更新
2041	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp053083.exe	VK000480GWSXF	HPG3 (C)	HPG3	更新
2042	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp053083.exe	VK000960GWSXH	HPG3 (C)	HPG3	更新
2043	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp053083.exe	VK001920GWSXK	HPG3 (C)	HPG3	更新
2044	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp053083.exe	MK000480GWUG F	HPG3 (C)	HPG3	更新
2045	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp053083.exe	MK000960GWUG H	HPG3 (C)	HPG3	更新
2046	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF,	cp053083.exe	MK001920GWUG K	HPG3 (C)	HPG3	更新

	MK000960GWUGH and MK001920GWUGK Drives					
2047	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp053599.exe	VK000480GWTHA	HPG4	HPG4	更新
2048	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp053599.exe	VK000960GWTHB	HPG4	HPG4	更新
2049	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp053599.exe	VK001920GWTHC	HPG4	HPG4	更新
2050	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp053599.exe	VK003840GWTHD	HPG4	HPG4	更新
2051	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp052788.exe	VK000480GZCNE	HPG2 (B)	HPG2	更新
2052	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp052788.exe	VK000960GZCNF	HPG2 (B)	HPG2	更新
2053	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp052788.exe	VK001920GZCNH	HPG2 (B)	HPG2	更新
2054	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp052788.exe	VK003840GZCNK	HPG2 (B)	HPG2	更新
2055	Online HDD/SSD Flash Component for Windows (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	cp053104.exe	VK000960GXCLD	HPG3 (B)	HPG3	更新
2056	Online HDD/SSD Flash Component for Windows (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	cp053104.exe	VK001920GXCGP	HPG3 (B)	HPG3	更新
2057	Online HDD/SSD Flash Component for Windows (x64) - VK000960GXCLD, VK001920GXCGP,	cp053104.exe	VK003840GXCGQ	HPG3 (B)	HPG3	更新

	VK003840GXCGQ and VK007680GXCGR Drives					
2058	Online HDD/SSD Flash Component for Windows (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	cp053104.exe	VK007680GXCGR	HPG3 (B)	HPG3	更新
2059	Online HDD/SSD Flash Component for Windows (x64) - VK003840GWSXL Drive	cp053084.exe	VK003840GWSXL	HPG3 (C)	HPG3	更新
2060	Online HDD/SSD Flash Component for Windows (x64) - VK007680GWSXN Drive	cp053085.exe	VK007680GWSXN	HPG3 (C)	HPG3	更新
2061	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp053086.exe	VK0120GFDKE	HPG1 (I)	HPG1	更新
2062	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp053086.exe	VK0240GFDKF	HPG1 (I)	HPG1	更新
2063	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp053086.exe	VK0480GFDKH	HPG1 (I)	HPG1	更新
2064	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp053086.exe	VK0960GFDKK	HPG1 (I)	HPG1	更新
2065	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp053086.exe	VK1920GFDKL	HPG1 (I)	HPG1	更新
2066	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp053086.exe	VK3840GFDKN	HPG1 (I)	HPG1	更新
2067	Online HDD/SSD Flash Component for Windows (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	cp053087.exe	VK0240GEPQN	HPG1 (I)	HPG1	更新
2068	Online HDD/SSD Flash Component for Windows (x64) - VK0240GEPQN,	cp053087.exe	VK0480GEPQP	HPG1 (I)	HPG1	更新

	VK0480GEPQP and VK0960GEPQQ Drives					
2069	Online HDD/SSD Flash Component for Windows (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	cp053087.exe	VK0960GEPQQ	HPG1 (I)	HPG1	更新
2070	Online HDD/SSD Flash Component for Windows (x64) - VR000150GWEPP and VR000480GWEPR Drives	cp053090.exe	VR000150GWEPP	HPG1 (G)	HPG1	更新
2071	Online HDD/SSD Flash Component for Windows (x64) - VR000150GWEPP and VR000480GWEPR Drives	cp053090.exe	VR000480GWEPR	HPG1 (G)	HPG1	更新
2072	Online HDD/SSD Flash Component for Windows (x64) - XP0120GFJSL and XP0240GFJSN Drives	cp053089.exe	XP0120GFJSL	HPS4 (I)	HPS4	更新
2073	Online HDD/SSD Flash Component for Windows (x64) - XP0120GFJSL and XP0240GFJSN Drives	cp053089.exe	XP0240GFJSN	HPS4 (I)	HPS4	更新

6.2.16 Firmware - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2074	Firmware Package - HPE MR216i-a Gen10 Plus Tri Mode Controller	HPE_MR216i-a_Gen10P_52.16.3-4455.fwpkg	Broadcom MR216i-a Cntrl for HPE Gen10+	52.16.3-4455 (B)	52.16.3-4455	更新
2075	Firmware Package - HPE MR216i-p Gen10 Plus Tri Mode Controller with Gen10 and Gen10 Plus servers	HPE_MR216i-p_Gen10P_52.16.3-4455.fwpkg	Broadcom MR216i-p Cntrl for HPE Gen10+	52.16.3-4455 (B)	52.16.3-4455	更新
2076	Firmware Package - HPE MR416i-a Gen10 Plus Tri Mode Controller	HPE_MR416i-a_Gen10P_52.16.3-4455.fwpkg	Broadcom MR416i-a Cntrl for HPE Gen10+	52.16.3-4455 (B)	52.16.3-4455	更新
2077	Firmware Package - HPE MR416i-p Gen10 Plus Tri Mode Controller with Gen10 and Gen10 Plus servers	HPE_MR416i-p_Gen10P_52.16.3-4455.fwpkg	Broadcom MR416i-p Cntrl for HPE Gen10+	52.16.3-4455 (B)	52.16.3-4455	更新
2078	Firmware Package - HPE SR932i-p Gen10 Plus /SR416i-a Gen10 Plus Controllers	HPE_SR416_SR932_Gen10P_03.01.14.062.fwpkg	Microchip SR416i-a Cntrl for HPE Gen10+	03.01.14.062	03.01.14.062	更新
2079	Firmware Package - HPE SR932i-p Gen10 Plus /SR416i-a Gen10 Plus Controllers	HPE_SR416_SR932_Gen10P_03.01.14.062.fwpkg	Microchip SR932i-p Cntrl for HPE Gen10+	03.01.14.062	03.01.14.062	更新
2080	Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	firmware-smartarray-f7c07bdbbd-5.32-2.1.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	5.32 (B)	5.32	更新
2081	Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	firmware-smartarray-f7c07bdbbd-5.32-2.1.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	5.32 (B)	5.32	更新
2082	Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	firmware-smartarray-f7c07bdbbd-5.32-2.1.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	5.32 (B)	5.32	更新

2083	Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	firmware-smartarray-f7c07bdbbd-5.32-2.1.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	5.32 (B)	5.32	更新
2084	Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	firmware-smartarray-f7c07bdbbd-5.32-2.1.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	5.32 (B)	5.32	更新
2085	Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	firmware-smartarray-f7c07bdbbd-5.32-2.1.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	5.32 (B)	5.32	更新
2086	Online ROM Flash Component for VMware ESXi - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	CP053178.zip	HPE 12Gb SAS Expander Card	5.14 (B)	5.14	更新
2087	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	CP053855.zip	HPE Smart Array P816i-a SR Gen10 Controller	5.32 (B)	5.32	更新
2088	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	CP053855.zip	HPE Smart Array P408i-a SR Gen10 Controller	5.32 (B)	5.32	更新
2089	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	CP053855.zip	HPE Smart Array P408i-p SR Gen10 Controller	5.32 (B)	5.32	更新
2090	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	CP053855.zip	HPE Smart Array E208e-p SR Gen10 Controller	5.32 (B)	5.32	更新
2091	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	CP053855.zip	HPE Smart Array E208i-p SR Gen10 Controller	5.32 (B)	5.32	更新
2092	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	CP053855.zip	HPE Smart Array E208i-a SR Gen10 Controller	5.32 (B)	5.32	更新
2093	Online ROM Flash Component for Windows (x64) - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	cp053176.exe	HPE 12Gb SAS Expander Card	5.14 (B)	5.14	更新

2094	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	cp053854.exe	HPE Smart Array P816i-a SR Gen10 Controller	5.32 (B)	5.32	更新
2095	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	cp053854.exe	HPE Smart Array P408i-a SR Gen10 Controller	5.32 (B)	5.32	更新
2096	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	cp053854.exe	HPE Smart Array P408i-p SR Gen10 Controller	5.32 (B)	5.32	更新
2097	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	cp053854.exe	HPE Smart Array E208e-p SR Gen10 Controller	5.32 (B)	5.32	更新
2098	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	cp053854.exe	HPE Smart Array E208i-p SR Gen10 Controller	5.32 (B)	5.32	更新
2099	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	cp053854.exe	HPE Smart Array E208i-a SR Gen10 Controller	5.32 (B)	5.32	更新
2100	Supplemental Update / Online ROM Flash Component for Linux (x64) – HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	firmware-smartarray-1f19a4a64d-5.14-2.1.x86_64.rpm	HPE 12Gb SAS Expander Card	5.14 (B)	5.14	更新
2101	Universal Firmware Package for HPE Gen10 Plus Boot Controller NS204i-p, NS204i-d, NS204i-t, NS204i-r	HPE_NS204i_Gen10P_1.0.14.1063.fwpkg	HPE NS204i-r Gen10+ Boot Controller	1.0.14.1063 (C)	1.0.14.1063	更新
2102	Universal Firmware Package for HPE Gen10 Plus Boot Controller NS204i-p, NS204i-d, NS204i-t, NS204i-r	HPE_NS204i_Gen10P_1.0.14.1063.fwpkg	HPE NS204i-p Gen10+ Boot Controller	1.0.14.1063 (C)	1.0.14.1063	更新

6.2.17 Firmware - Storage Fibre Channel

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2103	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2022.09.01-1.20.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.21	更新
2104	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2022.09.01-1.20.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.21	更新
2105	HPE Firmware Flash for Emulex Fibre Channel Host	firmware-fc-emulex-2022.09.01-	HPE SN1600E 32Gb Dual Port	2022.09.01	14.0.499.21	更新

	Bus Adapters for Linux (x64)	1.20.x86_64.rpm	Fibre Channel Host Bus Adapter			
2106	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2022.09.01-1.20.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.21	更新
2107	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2022.09.01-1.20.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.20	更新
2108	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2022.09.01-1.20.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.20	更新
2109	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp050100.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.21	更新
2110	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp050100.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.21	更新
2111	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp050100.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.21	更新
2112	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp050100.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.21	更新
2113	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp050100.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.20	更新
2114	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp050100.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.20	更新
2115	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP050098.zip	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.21	更新
2116	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP050098.zip	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.21	更新
2117	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP050098.zip	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.21	更新
2118	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP050098.zip	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.21	更新
2119	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP050098.zip	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2022.09.01	14.0.499.20	更新
2120	HPE Firmware Flash for Emulex Fibre Channel Host	CP050098.zip	HPE SN1610E 32Gb 2-port Fibre	2022.09.01	14.0.499.20	更新

	Bus Adapters for VMware vSphere 7.0		Channel Host Bus Adapter			
2121	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2022.09.01-1.15.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2022.09.01	01.77.12	更新
2122	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2022.09.01-1.15.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	01.77.12	更新
2123	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2022.09.01-1.15.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2022.09.01	01.77.12	更新
2124	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2022.09.01-1.15.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	01.77.12	更新
2125	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2022.09.01-1.15.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2022.09.01	02.06.27	更新
2126	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2022.09.01-1.15.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2022.09.01	02.06.27	更新
2127	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp050129.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2022.09.01	01.77.12	更新
2128	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp050129.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	01.77.12	更新
2129	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp050129.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2022.09.01	01.77.12	更新
2130	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp050129.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	01.77.12	更新
2131	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp050129.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2022.09.01	02.06.27	更新
2132	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp050129.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2022.09.01	02.06.27	更新
2133	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP050127.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2022.09.01	01.77.12	更新
2134	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP050127.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	01.77.12	更新
2135	HPE Firmware Flash for QLogic Fibre Channel Host	CP050127.zip	HPE SN1600Q 32Gb Dual Port	2022.09.01	01.77.12	更新

	Bus Adapters for VMware vSphere 7.0		Fibre Channel Host Bus Adapter			
2136	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP050127.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	01.77.12	更新
2137	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP050127.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2022.09.01	02.06.27	更新
2138	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP050127.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2022.09.01	02.06.27	更新

6.2.18 Firmware – System

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2139	Firmware Package - Gen10 NVMe Backplane PIC Firmware	ISS_NVMe_BP_PIC_flashV1B24.fwpkg	NVMe Backplane PIC	1.24 (E)	1.24	
2140	Online Flash Component for Linux - Gen10Plus UBM2 Backplane PIC Firmware	firmware-smartarray-40023de47f-1.20-2.1.x86_64.rpm	Gen10Plus_UBM2_Backplane_PIC	1.20 (B)	1.20	更新
2141	Online Flash Component for Linux - Gen10Plus UBM3 Backplane PIC Firmware	firmware-ff3fa73ca1-1.24-2.1.x86_64.rpm	Gen10Plus_UBM3_Backplane_PIC	1.24 (B)	1.24	更新
2142	Online Flash Component for Linux - Gen10Plus UBM4 Backplane PIC Firmware	firmware-8586fe2547-1.24-2.1.x86_64.rpm	Gen10Plus_UBM4_Backplane_PIC	1.24 (B)	1.24	更新
2143	Online Flash Component for Windows x64 - Gen10Plus UBM2 Backplane PIC Firmware	cp052829.exe	Gen10Plus_UBM2_Backplane_PIC	1.20 (B)	1.20	更新
2144	Online Flash Component for Windows x64 - Gen10Plus UBM3 Backplane PIC Firmware	cp052311.exe	Gen10Plus_UBM3_Backplane_PIC	1.24 (B)	1.24	更新
2145	Online Flash Component for Windows x64 - Gen10Plus UBM4 Backplane PIC Firmware	cp053175.exe	Gen10Plus_UBM4_Backplane_PIC	1.24 (B)	1.24	更新
2146	Online Flash for Linux - Innovation Engine Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	firmware-ie-0.2.3.0-2.1.x86_64.rpm	Innovation Engine (IE) Firmware	0.2.3.0 (B)	0.2.3.0	更新
2147	Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	firmware-sps-04.01.04.804-1.1.x86_64.rpm	Server Platform Services (SPS) Firmware	04.01.04.804	04.01.04.804	更新
2148	Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	firmware-sps-04.04.04.202-1.1.x86_64.rpm	Server Platform Services (SPS) Firmware	04.04.04.202	04.04.04.202	更新
2149	Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers	cp052552.exe	Server Platform Services (SPS) Firmware	04.01.04.804	04.01.04.804	更新

	using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors					
2150	Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	cp054647.exe	Server Platform Services (SPS) Firmware	04.04.04.202 (B)	04.04.04.202	更新
2151	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	cp052411.exe	Server Platform Services (SPS) Firmware for Intel C242 and C...	05.01.04.600	05.01.04.600	更新
2152	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	cp054008.exe	Server Platform Services Manageability Engine Firmware	06.00.03.200 (B)	06.00.03.200	更新
2153	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems	cp053972.exe	Server Platform Services Manageability Engine Firmware for t...	06.00.03.200 (B)	06.00.03.200	更新
2154	Online ROM Flash for Linux - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	firmware-ie-1.0.0.22-2.1.x86_64.rpm	Innovation Engine (IE) Firmware	1.0.0.22 (B)	1.0.0.22	更新
2155	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	firmware-u43u44sps-05.01.04.600-1.1.x86_64.rpm	Server Platform Services (SPS) Firmware for Intel C242 and C...	05.01.04.600	05.01.04.600	更新
2156	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	firmware-u61sps-06.00.03.200-2.1.x86_64.rpm	Server Platform Services Manageability Engine Firmware	06.00.03.200 (B)	06.00.03.200	更新
2157	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems	firmware-u60sps-06.00.03.200-2.1.x86_64.rpm	Server Platform Services Manageability Engine Firmware for t...	06.00.03.200 (B)	06.00.03.200	更新
2158	ROM Flash Firmware Package - Innovation Engine Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	OEM.IEGen10_0.2.3.0.fwpkg	Innovation Engine (IE) Universal Image.	0.2.3.0 (B)	0.2.3.0	
2159	ROM Flash Firmware Package - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	OEM.IEGen10Plus_1.0.0.22.fwpkg	Innovation Engine (IE) Universal Image	1.0.0.22 (B)	1.0.0.22	更新
2160	ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable	OEM.SPSGen10_04.01.04.804.fwpkg	Server Platform Services (SPS) Firmware	04.01.04.804	04.01.04.804	更新

	3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors					
2161	ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	OEM.SPSGen10Plus_04.04.04.202.fwpkg	Server Platform Services (SPS) Firmware	04.04.04.202	04.04.04.202	更新
2162	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	OEM.DL20ML30Gen10SPS_05.01.04.600.fwpkg	Server Platform Services (SPS) E3 Firmware	05.01.04.600	SPS_E3_05.01.04.600	更新
2163	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	OEM.SC_ML30GEN10Plus_ME_06.00.03.200.fwpkg	Server Platform Services Firmware for ML30 Gen10 Plus	06.00.03.200 (B)	06.00.03.200	更新
2164	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems	OEM.SC_DL20GEN10Plus_ME_06.00.03.200.fwpkg	Server Platform Services Firmware for DL20 Gen10 Plus	06.00.03.200 (B)	06.00.03.200	更新

6.2.19 Software - Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2165	HPE Lights-Out Online Configuration Utility for Linux (AMD64/EM64T)	hponcfg-5.7.0-0.x86_64.rpm	-	5.7.0-0 (A)	5.7.0-0	更新
2166	HPE Lights-Out Online Configuration Utility for Windows x64 Editions	cp052389.exe	-	5.5.0.0 (D)	5.5.0.0 (D)	更新

6.2.20 Software - Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2167	HPE Agentless Management Bundle Smart Component on ESXi for Gen10 and Gen10 Plus Servers	cp050760.zip	-	2022.09.01	701.11.8.5.22-10EM.701.0.0.16850804	更新
2168	HPE Fiber Channel and Storage Enablement Bundle Smart Component for ESXi 7.0	cp050934.zip	-	2022.09.01	2022.09.01	更新
2169	HPE iLO Driver Bundle Smart Component for ESXi 7.0	cp050763.zip	-	2022.09.01	700.10.8.0.6-10EM.700.1.0.15843807	更新
2170	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0 for Gen9/Gen10/Gen10 Plus Controllers	cp051278.zip	-	2022.10.01	6.10.14.0-7.0.0.15525992.oem	更新

6.2.21 Software - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2171	HPE MegaRAID Storage Administrator StorCLI for VMware7.0	cp053569.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2021.04.00 (B)	007.1616.0000.00000-01	更新
2172	HPE MegaRAID Storage	cp053569.zip	Broadcom	2021.04.00	007.1616.0000	更新

	Administrator StorCLI for VMware7.0		MR416i-a Cntrl for HPE Gen10+	(B)	0.0000-01	
2173	HPE MegaRAID Storage Administrator StorCLI for VMware7.0	cp053569.zip	Broadcom MR216i-p Cntrl for HPE Gen10+	2021.04.00 (B)	007.1616.000 0.0000-01	更新
2174	HPE MegaRAID Storage Administrator StorCLI for VMware7.0	cp053569.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2021.04.00 (B)	007.1616.000 0.0000-01	更新
2175	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp053353.exe	HPE Smart Array P408i-a SR Gen10 Controller	1.2.1.67 (B)	1.2.1.67 (B)	更新
2176	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp053353.exe	HPE Smart Array P408i-p SR Gen10 Controller	1.2.1.67 (B)	1.2.1.67 (B)	更新
2177	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp053353.exe	HPE Smart Array P816i-a SR Gen10 Controller	1.2.1.67 (B)	1.2.1.67 (B)	更新
2178	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp053353.exe	HPE Smart Array E208e-p SR Gen10 Controller	1.2.1.67 (B)	1.2.1.67 (B)	更新
2179	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp053353.exe	HPE Smart Array E208i-p SR Gen10 Controller	1.2.1.67 (B)	1.2.1.67 (B)	更新
2180	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp053353.exe	HPE Smart Array E208i-a SR Gen10 Controller	1.2.1.67 (B)	1.2.1.67 (B)	更新

6.2.22 Software - Storage Fibre Channel

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2181	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	4.2-1 (e)	4.2-1_rhel	
2182	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	4.2-1 (e)	4.2-1_rhel	
2183	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	4.2-1 (e)	4.2-1_rhel	
2184	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	4.2-1 (e)	4.2-1_rhel	
2185	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	4.2-1 (e)	4.2-1_rhel	
2186	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	4.2-1 (e)	4.2-1_rhel	
2187	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	4.2-1 (e)	4.2-1_rhel	
2188	Fibreutils for HPE Storage	fibreutils-4.2-	HPE SN1600Q	4.2-1 (e)	4.2-1_rhel	

	Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	1_rhel.x86_64.rpm	32Gb Single Port Fibre Channel Host Bus Adapter			
2189	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	4.2-1 (e)	4.2-1_rhel	
2190	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	4.2-1 (e)	4.2-1_rhel	
2191	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-14.0.499.16-1.rhel8.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.0.499.16	14.0.499.16-1.rhel8	更新
2192	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-14.0.499.16-1.rhel8.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.0.499.16	14.0.499.16-1.rhel8	更新
2193	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-14.0.499.16-1.rhel8.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	14.0.499.16	14.0.499.16-1.rhel8	更新
2194	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-14.0.499.16-1.rhel8.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	14.0.499.16	14.0.499.16-1.rhel8	更新
2195	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-14.0.499.16-1.rhel8.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.0.499.16	14.0.499.16-1.rhel8	更新
2196	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-14.0.499.16-1.rhel8.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.0.499.16	14.0.499.16-1.rhel8	更新
2197	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp050105.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (d)	1.0.0.1 (d)	更新
2198	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp050105.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (d)	1.0.0.1 (d)	更新
2199	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp050105.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (d)	1.0.0.1 (d)	更新
2200	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp050105.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (d)	1.0.0.1 (d)	更新
2201	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp050105.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	1.0.0.1 (d)	1.0.0.1 (d)	更新
2202	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp050105.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	1.0.0.1 (d)	1.0.0.1 (d)	更新
2203	HPE Emulex Smart SAN	hpe-emulex-smartsan-	HPE SN1200E	1.0.0.0-4	1.0.0.0-4	

	Enablement Kit for Linux	enablement-kit-1.0.0.0-4.x86_64.rpm	16Gb Dual Port Fibre Channel Host Bus Adapter	(m)		
2204	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.0-4 (m)	1.0.0.0-4	
2205	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.0-4 (m)	1.0.0.0-4	
2206	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.0-4 (m)	1.0.0.0-4	
2207	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	1.0.0.0-4 (m)	1.0.0.0-4	
2208	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	1.0.0.0-4 (m)	1.0.0.0-4	
2209	HPE Emulex Smart SAN Enablement Kit for Microsoft Windows Server 2016/2019 (x86_64)	cp050106.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (n)	1.0.0.1 (n)	更新
2210	HPE Emulex Smart SAN Enablement Kit for Microsoft Windows Server 2016/2019 (x86_64)	cp050106.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (n)	1.0.0.1 (n)	更新
2211	HPE Emulex Smart SAN Enablement Kit for Microsoft Windows Server 2016/2019 (x86_64)	cp050106.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (n)	1.0.0.1 (n)	更新
2212	HPE Emulex Smart SAN Enablement Kit for Microsoft Windows Server 2016/2019 (x86_64)	cp050106.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (n)	1.0.0.1 (n)	更新
2213	HPE Emulex Smart SAN Enablement Kit for Microsoft Windows Server 2016/2019 (x86_64)	cp050106.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	1.0.0.1 (n)	1.0.0.1 (n)	更新
2214	HPE Emulex Smart SAN Enablement Kit for Microsoft Windows Server 2016/2019 (x86_64)	cp050106.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	1.0.0.1 (n)	1.0.0.1 (n)	更新
2215	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp050126.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2022.09.01	5.1.68.0-10EM.703.0.0.18644231	更新
2216	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp050126.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	5.1.68.0-10EM.703.0.0.18644231	更新
2217	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp050126.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2022.09.01	5.1.68.0-10EM.703.0.0.18644231	更新
2218	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp050126.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	5.1.68.0-10EM.703.0.0.18644231	更新
2219	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp050126.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus	2022.09.01	5.1.68.0-10EM.703.0.0.18644231	更新

			Adapter			
2220	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp050126.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2022.09.01	5.1.68.0-10EM.703.0.0.18644231	更新
2221	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-18.noarch.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	6.0.0.0-18 (c)	6.0.0.0-18	更新
2222	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-18.noarch.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	6.0.0.0-18 (c)	6.0.0.0-18	更新
2223	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-18.noarch.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	6.0.0.0-18 (c)	6.0.0.0-18	更新
2224	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-18.noarch.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	6.0.0.0-18 (c)	6.0.0.0-18	更新
2225	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-18.noarch.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	6.0.0.0-18 (c)	6.0.0.0-18	更新
2226	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-18.noarch.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	6.0.0.0-18 (c)	6.0.0.0-18	更新
2227	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp050134.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (l)	1.0.0.1 (l)	更新
2228	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp050134.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (l)	1.0.0.1 (l)	更新
2229	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp050134.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (l)	1.0.0.1 (l)	更新
2230	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp050134.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (l)	1.0.0.1 (l)	更新
2231	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp050134.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	1.0.0.1 (l)	1.0.0.1 (l)	更新
2232	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp050134.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	1.0.0.1 (l)	1.0.0.1 (l)	更新
2233	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)	cp050133.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (c)	1.0.0.1 (c)	更新
2234	HPE QLogic Smart SAN Enablement Kit for Fibre	cp050133.exe	HPE SN1100Q 16Gb Single Port	1.0.0.1 (c)	1.0.0.1 (c)	更新

	Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)		Fibre Channel Host Bus Adapter			
2235	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)	cp050133.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (c)	1.0.0.1 (c)	更新
2236	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)	cp050133.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (c)	1.0.0.1 (c)	更新
2237	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)	cp050133.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	1.0.0.1 (c)	1.0.0.1 (c)	更新
2238	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)	cp050133.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	1.0.0.1 (c)	1.0.0.1 (c)	更新
2239	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	3.3-3 (m)	3.3-3	
2240	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	3.3-3 (m)	3.3-3	
2241	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	3.3-3 (m)	3.3-3	
2242	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	3.3-3 (m)	3.3-3	
2243	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	3.3-3 (m)	3.3-3	
2244	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	3.3-3 (m)	3.3-3	
2245	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp051532.zip	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2022.09.01	14.0.543.0-10EM.700.1.0.15843807	更新
2246	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp051532.zip	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	14.0.543.0-10EM.700.1.0.15843807	更新
2247	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp051532.zip	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2022.09.01	14.0.543.0-10EM.700.1.0.15843807	更新
2248	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp051532.zip	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2022.09.01	14.0.543.0-10EM.700.1.0.15843807	更新
2249	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp051532.zip	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus	2022.09.01	14.0.543.0-10EM.700.1.0.15843807	更新

			Adapter			
2250	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp051532.zip	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2022.09.01	14.0.543.0-1OEM.700.1.0.15843807	更新

6.2.23 Software - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2251	Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 8 Server	amsd-2.7.0-1724.3.rhel8.x86_64.rpm	-	2.7.0	2.7.0-1724.3.rhel8	更新
2252	Agentless Management Service for Microsoft Windows x64	cp053649.exe	-	2.51.2.0	2.51.2.0	更新
2253	HPE MegaRAID Storage Administrator (HPE MRSA) for Linux 64-bit	MRStorageAdministrator-007.016.016.000-00.x86_64.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	7.016.16.0 (C)	007.016.016.000-00	
2254	HPE MegaRAID Storage Administrator (HPE MRSA) for Linux 64-bit	MRStorageAdministrator-007.016.016.000-00.x86_64.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	7.016.16.0 (C)	007.016.016.000-00	
2255	HPE MegaRAID Storage Administrator (HPE MRSA) for Linux 64-bit	MRStorageAdministrator-007.016.016.000-00.x86_64.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	7.016.16.0 (C)	007.016.016.000-00	
2256	HPE MegaRAID Storage Administrator (HPE MRSA) for Linux 64-bit	MRStorageAdministrator-007.016.016.000-00.x86_64.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	7.016.16.0 (C)	007.016.016.000-00	
2257	HPE MegaRAID Storage Administrator (HPE MRSA) for Windows 64-bit	cp053565.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.16.16.0 (D)	7.16.16.0 (D)	更新
2258	HPE MegaRAID Storage Administrator (HPE MRSA) for Windows 64-bit	cp053565.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.16.16.0 (D)	7.16.16.0 (D)	更新
2259	HPE MegaRAID Storage Administrator (HPE MRSA) for Windows 64-bit	cp053565.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.16.16.0 (D)	7.16.16.0 (D)	更新
2260	HPE MegaRAID Storage Administrator (HPE MRSA) for Windows 64-bit	cp053565.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.16.16.0 (D)	7.16.16.0 (D)	更新
2261	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit	storcli-007.1616.0000.0000-1.x86_64.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	007.1616.0000.0000 (C)	007.1616.0000.0000-1	
2262	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit	storcli-007.1616.0000.0000-1.x86_64.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	007.1616.0000.0000 (C)	007.1616.0000.0000-1	
2263	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit	storcli-007.1616.0000.0000-1.x86_64.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	007.1616.0000.0000 (C)	007.1616.0000.0000-1	
2264	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit	storcli-007.1616.0000.0000-1.x86_64.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	007.1616.0000.0000 (C)	007.1616.0000.0000-1	
2265	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit	cp053567.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.16.16.0 (C)	7.16.16.0 (C)	更新
2266	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit	cp053567.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.16.16.0 (C)	7.16.16.0 (C)	更新
2267	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit	cp053567.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.16.16.0 (C)	7.16.16.0 (C)	更新
2268	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit	cp053567.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.16.16.0 (C)	7.16.16.0 (C)	更新
2269	NVMe Drive Eject NMI Fix for	cp053103.exe	-	1.1.0.0 (E)	1.1.0.0 (E)	更新

	Intel Xeon Processor Scalable Family for Microsoft Windows 64-bit					
2270	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus Controllers	ssacli-6.10-14.0.x86_64.rpm	-	6.10.14.0	6.10-14.0	更新
2271	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen9/Gen10/Gen10 Plus Controllers	cp051276.exe	-	6.10.14.0	6.10.14.0	更新
2272	Smart Storage Administrator (SSA) for Linux 64-bit for Gen9/Gen10/Gen10 Plus Controllers	ssa-6.10-14.0.x86_64.rpm	-	6.10.14.0	6.10-14.0	更新
2273	Smart Storage Administrator (SSA) for Windows 64-bit for Gen9/Gen10/Gen10 Plus Controllers	cp051275.exe	-	6.10.14.0	6.10.14.0	更新
2274	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen9/Gen10/Gen10 Plus Controllers	ssaducli-6.10-14.0.x86_64.rpm	-	6.10.14.0	6.10-14.0	更新
2275	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen9/Gen10/Gen10 Plus Controllers	cp051277.exe	-	6.10.14.0	6.10.14.0	更新

6.2.24 Utility - Tools

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2276	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -8	HPE-NFC-host-agent-RHEL-1.1-1.rhel8u5.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	1.1-1 (c)	1.1-1.rhel8u5	新規追加
2277	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -8	HPE-NFC-host-agent-RHEL-1.1-1.rhel8u5.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.1-1 (c)	1.1-1.rhel8u5	新規追加
2278	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -8	HPE-NFC-host-agent-RHEL-1.1-1.rhel8u5.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.1-1 (c)	1.1-1.rhel8u5	新規追加
2279	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -8	HPE-NFC-host-agent-RHEL-1.1-1.rhel8u5.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.1-1 (c)	1.1-1.rhel8u5	新規追加
2280	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -8	HPE-NFC-host-agent-RHEL-1.1-1.rhel8u5.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	1.1-1 (c)	1.1-1.rhel8u5	新規追加
2281	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -8	HPE-NFC-host-agent-RHEL-1.1-1.rhel8u5.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	1.1-1 (c)	1.1-1.rhel8u5	新規追加
2282	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -8	HPE-NFC-host-agent-RHEL-1.1-1.rhel8u5.x86_64.rpm	-	1.1-1 (c)	1.1-1.rhel8u5	新規追加

6.3 パッケージの変更内容

Online ROM Flash Component for Linux - System ROM U34

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerability documented as CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- Addressed an issue where the system will hang with Red Screen of Death (RSOD) in ROM Based Setup Utility (RBSU) when user tries to switch [Image Description] choices for NVMe devices under the Firmware Update Page.
- This revision of the System ROM includes the latest revision of openssl and LibPng which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-1292 and CVE-2019-7317. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- Addressed an issue of an incomplete mitigation for a BIOS advisory and security vulnerabilities documented as CVE-2021-0159, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2021-21131. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00616. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addresses an issue where the system ROM does not display Storage controller product names when the ROM Based Setup Utility (RBSU) language setting is non-English.
- Addresses an issue where the system would loop in reboot once the watchdog timer times out.

Online ROM Flash Component for Linux - System ROM U30

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerability documented as CVE-2022-2068. This issue is not unique to Hitachi servers.

- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- Addressed an issue where the system will hang with Red Screen of Death (RSOD) in ROM Based Setup Utility (RBSU) when user tries to switch [Image Description] choices for NVMe devices under the Firmware Update Page.
- This revision of the System ROM includes the latest revision of openssl and LibPng which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-1292 and CVE-2019-7317. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- Addressed an issue of an incomplete mitigation for a BIOS advisory and security vulnerabilities documented as CVE-2021-0159, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2021-21131. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00616. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addresses an issue where the system ROM does not display Storage controller product names when the ROM Based Setup Utility (RBSU) language setting is non-English.
- Addresses an issue where the system would loop in reboot once the watchdog timer times out.

Online ROM Flash Component for Linux - System ROM U32

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerability documented as CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- Addressed an issue where the system will hang with Red Screen of Death (RSOD) in ROM Based Setup Utility (RBSU) when user tries to switch [Image Description] choices for NVMe devices under the Firmware Update Page.
- This revision of the System ROM includes the latest revision of openssl and LibPng which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-1292 and CVE-2019-7317. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- Addressed an issue of an incomplete mitigation for a BIOS advisory and security vulnerabilities

documented as CVE-2021-0159, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.

- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2021-21131. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00616. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addresses an issue where the system ROM does not display Storage controller product names when the ROM Based Setup Utility (RBSU) language setting is non-English.
- Addresses an issue where the system would loop in reboot once the watchdog timer times out.

Online ROM Flash Component for Linux - System ROM U41

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerability documented as CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- Addressed an issue where the system will hang with Red Screen of Death (RSOD) in ROM Based Setup Utility (RBSU) when user tries to switch [Image Description] choices for NVMe devices under the Firmware Update Page.
- This revision of the System ROM includes the latest revision of openssl and LibPng which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-1292 and CVE-2019-7317. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- Addressed an issue of an incomplete mitigation for a BIOS advisory and security vulnerabilities documented as CVE-2021-0159, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2021-21131. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00616. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addresses an issue where the system ROM does not display Storage controller product names when the ROM Based Setup Utility (RBSU) language setting is non-English.

- Addresses an issue where the system would loop in reboot once the watchdog timer times out.

Online ROM Flash Component for Linux - System ROM U43

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-0778, CVE-2022-1292 and CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of Libpng library which provides mitigations for security vulnerability documented as CVE-2019-7317. This issue is not unique to Hitachi servers.
- Removed PCIe bifurcation option in the ROM Based Setup Utility (RBSU) because it is not supported through ROM on this platform.
- Problems Fixed:
 - This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2022-21151 and CVE-2022-0005. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00617 and INTEL-SA-00614. These issues are not unique to Hitachi servers.
 - This revision of the System ROM includes the latest revision of the Intel Reference Code which provides mitigations for BIOS advisories and security vulnerabilities documented as CVE-2021-0154, CVE-2021-0189, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
 - This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addressed an issue where the server may become unresponsive during POST with error messages about Unknown Initialization Error and DIMM Initialization Error.

Online ROM Flash Component for Linux - System ROM U44

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for

BIOS security vulnerabilities documented as CVE-2022-0778, CVE-2022-1292 and CVE-2022-2068. This issue is not unique to Hitachi servers.

- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of Libpng library which provides mitigations for security vulnerability documented as CVE-2019-7317. This issue is not unique to Hitachi servers.
- Removed PCIe bifurcation option in the ROM Based Setup Utility (RBSU) because it is not supported through ROM on this platform.
- **Problems Fixed:**
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2022-21151 and CVE-2022-0005. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00617 and INTEL-SA-00614. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code which provides mitigations for BIOS advisories and security vulnerabilities documented as CVE-2021-0154, CVE-2021-0189, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addressed an issue where the server may become unresponsive during POST with error messages about Unknown Initialization Error and DIMM Initialization Error.

Online ROM Flash Component for Linux - System ROM U46

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of the Intel IPU 2022.2 microcode update which provides Intel's mitigation for BIOS advisory and security vulnerability documented as CVE-2022-21233. This security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00657. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code which provides mitigations for BIOS advisories and security vulnerability documented as CVE-2021-33060. This security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00686. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-0778 and CVE-2022-2068. This issue is not unique to Hitachi servers.

- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerability documented as CVE-2022-27405. This issue is not unique to Hitachi servers.
- Addressed an issue where Microsoft Secured-core is not grayed-out when TPM is not present.
- Addressed an issue where a hot plug event occurring before event handler operates would cause ESXi kernel to call exception waiting for hot plug status from device and then triggered an ASSERT with PSOD (Purple Screen Of Death).
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2022-21166, CVE-2022-21136, and CVE-2022-21151. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00616, and INTEL-SA-00617. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code which provides mitigations for BIOS advisories and security vulnerabilities documented as CVE-2022-0004. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00613. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of openssl and LibPng which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-1292 and CVE-2019-7317. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addressed an issue where in the ROM Based Setup Utility (RBSU), PMem QoS Options cannot be set as disabled under Performance Options work profile with system ROM v1.58.
- Addressed an issue where the system fails to boot OpenShift Container Platform in UEFI boot and optimized boot modes.
- Addressed an issue where the system ROM does not display Storage controller product names when the RBSU language setting is non-English.
- Addressed an issue where the IPMI Watchdog Timer (WDT) would continuously be re-enabled on reboots even after being disabled which causes the system to continuously reboot after the timeout is triggered.
- Addressed an issue where Advanced Memory Protection (AMP) status displays Degraded A3DC on iLO web page but there is no memory failure displayed in iLO.

Enhancements

- Added support for Partial Mirror (OS Configured) in Memory Mirroring Mode.
- Added Protected Processor Inventory Number (PPIN) setting in ROM Based Setup Utility (RBSU) under Process Option Menu.

Online ROM Flash Component for Linux - System ROM U60

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of the Intel IPU 2022.2 microcode update which provides Intel's mitigation for BIOS advisory and security vulnerability documented as CVE-2022-21233. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-0778 and CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of freetype library which provides mitigations for security vulnerability documented as CVE-2022-27405. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addressed an issue where the system fails to boot OpenShift Container Platform in UEFI boot and optimized boot modes.
- Addressed an issue where the system ROM does not display Storage controller product names when the RBSU language setting is non-English.
- Addressed an issue where system would not reboot if reboot test was executed after PCIe Bifurcation.
- Addressed an issue where the time is shifted when starting a specific OS when UTC is set for Time Format.

Online ROM Flash Component for Linux - System ROM U61

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of the Intel IPU 2022.2 microcode update which provides Intel's mitigation for BIOS advisory and security vulnerability documented as CVE-2022-21233. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-0778 and CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of freetype library which provides mitigations for security vulnerability documented as CVE-2022-27405. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addressed an issue where the system fails to boot OpenShift Container Platform in UEFI boot and optimized boot modes.
- Addressed an issue where the system ROM does not display Storage controller product names when the RBSU language setting is non-English.

- Addressed an issue where system would not reboot if reboot test was executed after PCIe Bifurcation.
- Addressed an issue where the time is shifted when starting a specific OS when UTC is set for Time Format.

Online ROM Flash Component for Windows x64 - System ROM U34

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerability documented as CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- Addressed an issue where the system will hang with Red Screen of Death (RSOD) in ROM Based Setup Utility (RBSU) when user tries to switch [Image Description] choices for NVMe devices under the Firmware Update Page.
- This revision of the System ROM includes the latest revision of openssl and LibPng which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-1292 and CVE-2019-7317. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- Addressed an issue of an incomplete mitigation for a BIOS advisory and security vulnerabilities documented as CVE-2021-0159, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2021-21131. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00616. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addresses an issue where the system ROM does not display Storage controller product names when the ROM Based Setup Utility (RBSU) language setting is non-English.
- Addresses an issue where the system would loop in reboot once the watchdog timer times out.

Online ROM Flash Component for Windows x64 - System ROM U30

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerability documented as CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- Addressed an issue where the system will hang with Red Screen of Death (RSOD) in ROM Based Setup Utility (RBSU) when user tries to switch [Image Description] choices for NVMe devices under the Firmware Update Page.
- This revision of the System ROM includes the latest revision of openssl and LibPng which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-1292 and CVE-2019-7317. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- Addressed an issue of an incomplete mitigation for a BIOS advisory and security vulnerabilities documented as CVE-2021-0159, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2021-21131. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00616. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addresses an issue where the system ROM does not display Storage controller product names when the ROM Based Setup Utility (RBSU) language setting is non-English.
- Addresses an issue where the system would loop in reboot once the watchdog timer times out.

Online ROM Flash Component for Windows x64 - System ROM U32

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerability documented as CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- Addressed an issue where the system will hang with Red Screen of Death (RSOD) in ROM Based Setup Utility (RBSU) when user tries to switch [Image Description] choices for NVMe devices under the Firmware Update Page.
- This revision of the System ROM includes the latest revision of openssl and LibPng which provides

mitigation for BIOS security vulnerabilities documented as CVE-2022-1292 and CVE-2019-7317. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.

- Addressed an issue of an incomplete mitigation for a BIOS advisory and security vulnerabilities documented as CVE-2021-0159, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2021-21131. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00616. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addresses an issue where the system ROM does not display Storage controller product names when the ROM Based Setup Utility (RBSU) language setting is non-English.
- Addresses an issue where the system would loop in reboot once the watchdog timer times out.

Online ROM Flash Component for Windows x64 - System ROM U41

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerability documented as CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- Addressed an issue where the system will hang with Red Screen of Death (RSOD) in ROM Based Setup Utility (RBSU) when user tries to switch [Image Description] choices for NVMe devices under the Firmware Update Page.
- This revision of the System ROM includes the latest revision of openssl and LibPng which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-1292 and CVE-2019-7317. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- Addressed an issue of an incomplete mitigation for a BIOS advisory and security vulnerabilities documented as CVE-2021-0159, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2021-21131. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00616. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for

security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.

- Addresses an issue where the system ROM does not display Storage controller product names when the ROM Based Setup Utility (RBSU) language setting is non-English.
- Addresses an issue where the system would loop in reboot once the watchdog timer times out.

Online ROM Flash Component for Windows x64 - System ROM U43

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-0778, CVE-2022-1292 and CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of Libpng library which provides mitigations for security vulnerability documented as CVE-2019-7317. This issue is not unique to Hitachi servers.
- Removed PCIe bifurcation option in the ROM Based Setup Utility (RBSU) because it is not supported through ROM on this platform.
- Problems Fixed:
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2022-21151 and CVE-2022-0005. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00617 and INTEL-SA-00614. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code which provides mitigations for BIOS advisories and security vulnerabilities documented as CVE-2021-0154, CVE-2021-0189, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addressed an issue where the server may become unresponsive during POST with error messages about Unknown Initialization Error and DIMM Initialization Error.

Online ROM Flash Component for Windows x64 - System ROM U44

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version

IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-0778, CVE-2022-1292 and CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of Libpng library which provides mitigations for security vulnerability documented as CVE-2019-7317. This issue is not unique to Hitachi servers.
- Removed PCIe bifurcation option in the ROM Based Setup Utility (RBSU) because it is not supported through ROM on this platform.
- Problems Fixed:
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2022-21151 and CVE-2022-0005. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00617 and INTEL-SA-00614. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code which provides mitigations for BIOS advisories and security vulnerabilities documented as CVE-2021-0154, CVE-2021-0189, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addressed an issue where the server may become unresponsive during POST with error messages about Unknown Initialization Error and DIMM Initialization Error.

Online ROM Flash Component for Windows x64 - System ROM U46

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of the Intel IPU 2022.2 microcode update which provides Intel's mitigation for BIOS advisory and security vulnerability documented as CVE-2022-21233. This security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00657. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code which provides mitigations for BIOS advisories and security vulnerability documented as CVE-2021-33060. This security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00686. These issues are not unique to

Hitachi servers.

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-0778 and CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerability documented as CVE-2022-27405. This issue is not unique to Hitachi servers.
- Addressed an issue where Microsoft Secured-core is not grayed-out when TPM is not present.
- Addressed an issue where a hot plug event occurring before event handler operates would cause ESXi kernel to call exception waiting for hot plug status from device and then triggered an ASSERT with PSOD (Purple Screen Of Death).
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2022-21166, CVE-2022-21136, and CVE-2022-21151. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00616, and INTEL-SA-00617. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code which provides mitigations for BIOS advisories and security vulnerabilities documented as CVE-2022-0004. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00613. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of openssl and LibPng which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-1292 and CVE-2019-7317. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addressed an issue where in the ROM Based Setup Utility (RBSU), PMem QoS Options cannot be set as disabled under Performance Options work profile with system ROM v1.58.
- Addressed an issue where the system fails to boot OpenShift Container Platform in UEFI boot and optimized boot modes.
- Addressed an issue where the system ROM does not display Storage controller product names when the RBSU language setting is non-English.
- Addressed an issue where the IPMI Watchdog Timer (WDT) would continuously be re-enabled on reboots even after being disabled which causes the system to continuously reboot after the timeout is triggered.
- Addressed an issue where Advanced Memory Protection (AMP) status displays Degraded A3DC on iLO web page but there is no memory failure displayed in iLO.

Enhancements

- Added support for Partial Mirror (OS Configured) in Memory Mirroring Mode.
- Added Protected Processor Inventory Number (PPIN) setting in ROM Based Setup Utility (RBSU) under Process Option Menu.

Online ROM Flash Component for Windows x64 - System ROM U60

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of the Intel IPU 2022.2 microcode update which provides Intel's mitigation for BIOS advisory and security vulnerability documented as CVE-2022-21233. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-0778 and CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of freetype library which provides mitigations for security vulnerability documented as CVE-2022-27405. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addressed an issue where the system fails to boot OpenShift Container Platform in UEFI boot and optimized boot modes.
- Addressed an issue where the system ROM does not display Storage controller product names when the RBSU language setting is non-English.
- Addressed an issue where system would not reboot if reboot test was executed after PCIe Bifurcation.
- Addressed an issue where the time is shifted when starting a specific OS when UTC is set for Time Format.

Online ROM Flash Component for Windows x64 - System ROM U61

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of the Intel IPU 2022.2 microcode update which provides Intel's mitigation for BIOS advisory and security vulnerability documented as CVE-2022-21233. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-0778 and CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of freetype library which provides mitigations for security vulnerability documented as CVE-2022-27405. This issue is not unique to Hitachi

servers.

- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addressed an issue where the system fails to boot OpenShift Container Platform in UEFI boot and optimized boot modes.
- Addressed an issue where the system ROM does not display Storage controller product names when the RBSU language setting is non-English.
- Addressed an issue where system would not reboot if reboot test was executed after PCIe Bifurcation.
- Addressed an issue where the time is shifted when starting a specific OS when UTC is set for Time Format.

ROM Flash Firmware Package - System ROM U34

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerability documented as CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- Addressed an issue where the system will hang with Red Screen of Death (RSOD) in ROM Based Setup Utility (RBSU) when user tries to switch [Image Description] choices for NVMe devices under the Firmware Update Page.
- This revision of the System ROM includes the latest revision of openssl and LibPng which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-1292 and CVE-2019-7317. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- Addressed an issue of an incomplete mitigation for a BIOS advisory and security vulnerabilities documented as CVE-2021-0159, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2021-21131. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00616. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addresses an issue where the system ROM does not display Storage controller product names when the ROM Based Setup Utility (RBSU) language setting is non-English.
- Addresses an issue where the system would loop in reboot once the watchdog timer times out.

ROM Flash Firmware Package - System ROM U30

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerability documented as CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- Addressed an issue where the system will hang with Red Screen of Death (RSOD) in ROM Based Setup Utility (RBSU) when user tries to switch [Image Description] choices for NVMe devices under the Firmware Update Page.
- This revision of the System ROM includes the latest revision of openssl and LibPng which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-1292 and CVE-2019-7317. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- Addressed an issue of an incomplete mitigation for a BIOS advisory and security vulnerabilities documented as CVE-2021-0159, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2021-21131. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00616. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addresses an issue where the system ROM does not display Storage controller product names when the ROM Based Setup Utility (RBSU) language setting is non-English.
- Addresses an issue where the system would loop in reboot once the watchdog timer times out.

ROM Flash Firmware Package - System ROM U32

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for

- BIOS security vulnerability documented as CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
 - Addressed an issue where the system will hang with Red Screen of Death (RSOD) in ROM Based Setup Utility (RBSU) when user tries to switch [Image Description] choices for NVMe devices under the Firmware Update Page.
 - This revision of the System ROM includes the latest revision of openssl and LibPng which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-1292 and CVE-2019-7317. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
 - Addressed an issue of an incomplete mitigation for a BIOS advisory and security vulnerabilities documented as CVE-2021-0159, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
 - This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2021-21131. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00616. These issues are not unique to Hitachi servers.
 - This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
 - Addresses an issue where the system ROM does not display Storage controller product names when the ROM Based Setup Utility (RBSU) language setting is non-English.
 - Addresses an issue where the system would loop in reboot once the watchdog timer times out.

ROM Flash Firmware Package - System ROM U41

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerability documented as CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- Addressed an issue where the system will hang with Red Screen of Death (RSOD) in ROM Based Setup Utility (RBSU) when user tries to switch [Image Description] choices for NVMe devices under the Firmware Update Page.
- This revision of the System ROM includes the latest revision of openssl and LibPng which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-1292 and CVE-2019-7317. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.

- Addressed an issue of an incomplete mitigation for a BIOS advisory and security vulnerabilities documented as CVE-2021-0159, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2021-21131. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00616. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addresses an issue where the system ROM does not display Storage controller product names when the ROM Based Setup Utility (RBSU) language setting is non-English.
- Addresses an issue where the system would loop in reboot once the watchdog timer times out.

ROM Flash Firmware Package - System ROM U43

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-0778, CVE-2022-1292 and CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of Libpng library which provides mitigations for security vulnerability documented as CVE-2019-7317. This issue is not unique to Hitachi servers.
- Removed PCIe bifurcation option in the ROM Based Setup Utility (RBSU) because it is not supported through ROM on this platform.
- Problems Fixed:
 - This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2022-21151 and CVE-2022-0005. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00617 and INTEL-SA-00614. These issues are not unique to Hitachi servers.
 - This revision of the System ROM includes the latest revision of the Intel Reference Code which provides mitigations for BIOS advisories and security vulnerabilities documented as CVE-2021-0154, CVE-2021-0189, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
 - This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.

- Addressed an issue where the server may become unresponsive during POST with error messages about Unknown Initialization Error and DIMM Initialization Error.

ROM Flash Firmware Package - System ROM U44

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-0778, CVE-2022-1292 and CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerabilities documented as CVE-2022-27404, CVE-2022-27405, and CVE-2022-27406. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of Libpng library which provides mitigations for security vulnerability documented as CVE-2019-7317. This issue is not unique to Hitachi servers.
- Removed PCIe bifurcation option in the ROM Based Setup Utility (RBSU) because it is not supported through ROM on this platform.
- Problems Fixed:
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2022-21151 and CVE-2022-0005. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00617 and INTEL-SA-00614. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code which provides mitigations for BIOS advisories and security vulnerabilities documented as CVE-2021-0154, CVE-2021-0189, CVE-2021-33123, and CVE-2021-33124. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00601. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addressed an issue where the server may become unresponsive during POST with error messages about Unknown Initialization Error and DIMM Initialization Error.

ROM Flash Firmware Package - System ROM U46

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of the Intel IPU 2022.2 microcode update which provides Intel's mitigation for BIOS advisory and security vulnerability documented as CVE-2022-21233. This security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00657. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code which provides mitigations for BIOS advisories and security vulnerability documented as CVE-2021-33060. This security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00686. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-0778 and CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of FreeType library which provides mitigations for security vulnerability documented as CVE-2022-27405. This issue is not unique to Hitachi servers.
- Addressed an issue where Microsoft Secured-core is not grayed-out when TPM is not present.
- Addressed an issue where a hot plug event occurring before event handler operates would cause ESXi kernel to call exception waiting for hot plug status from device and then triggered an ASSERT with PSOD (Purple Screen Of Death).
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerability documented as CVE-2022-21166, CVE-2022-21136, and CVE-2022-21151. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00616, and INTEL-SA-00617. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code which provides mitigations for BIOS advisories and security vulnerabilities documented as CVE-2022-0004. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00613. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of openssl and LibPng which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-1292 and CVE-2019-7317. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addressed an issue where in the ROM Based Setup Utility (RBSU), PMem QoS Options cannot be set as disabled under Performance Options work profile with system ROM v1.58.
- Addressed an issue where the system fails to boot OpenShift Container Platform in UEFI boot and optimized boot modes.
- Addressed an issue where the system ROM does not display Storage controller product names when the RBSU language setting is non-English.
- Addressed an issue where the IPMI Watchdog Timer (WDT) would continuously be re-enabled on reboots even after being disabled which causes the system to continuously reboot after the timeout is triggered.

- Addressed an issue where Advanced Memory Protection (AMP) status displays Degraded A3DC on iLO web page but there is no memory failure displayed in iLO.

Enhancements

- Added support for Partial Mirror (OS Configured) in Memory Mirroring Mode.
- Added Protected Processor Inventory Number (PPIN) setting in ROM Based Setup Utility (RBSU) under Process Option Menu.

ROM Flash Firmware Package - System ROM U60

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of the Intel IPU 2022.2 microcode update which provides Intel's mitigation for BIOS advisory and security vulnerability documented as CVE-2022-21233. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-0778 and CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of freetype library which provides mitigations for security vulnerability documented as CVE-2022-27405. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addressed an issue where the system fails to boot OpenShift Container Platform in UEFI boot and optimized boot modes.
- Addressed an issue where the system ROM does not display Storage controller product names when the RBSU language setting is non-English.
- Addressed an issue where system would not reboot if reboot test was executed after PCIe Bifurcation.
- Addressed an issue where the time is shifted when starting a specific OS when UTC is set for Time Format.

ROM Flash Firmware Package - System ROM U61

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2022.2 guidance.

Problems Fixed:

- This revision of the System ROM includes the latest revision of the Intel IPU 2022.2 microcode update which provides Intel's mitigation for BIOS advisory and security vulnerability documented as CVE-2022-21233. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of openssl which provides mitigation for BIOS security vulnerabilities documented as CVE-2022-0778 and CVE-2022-2068. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of freetype library which provides mitigations for security vulnerability documented as CVE-2022-27405. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the latest revision of zlib library which provides mitigations for security vulnerability documented as CVE-2018-25032. This issue is not unique to Hitachi servers.
- Addressed an issue where the system fails to boot OpenShift Container Platform in UEFI boot and optimized boot modes.
- Addressed an issue where the system ROM does not display Storage controller product names when the RBSU language setting is non-English.
- Addressed an issue where system would not reboot if reboot test was executed after PCIe Bifurcation.
- Addressed an issue where the time is shifted when starting a specific OS when UTC is set for Time Format.

Language Pack - Japanese

Enhancements

Japanese Language Pack to support iLO5 firmware v2.72.

Online ROM Flash Component for Linux - iLO 5

Enhancements

- "SessionTimeout" property missing under "/redfish/v1/SessionService" URI.
- GUI reporting configured drives as unconfigured.
- A router failover post iLO NIC link down and link up could cause iLO to be rendered unreachable over router (default gateway).
- Incorrect SNMP Trap Data value for cpqSm2CntlBadLoginAttempts (OID 1.3.6.1.4.1.232.9.2.2.14)
- Patch operation under redfish URI chassis/1/Thermal not working.
- When a storage controller is configured in Passthrough Mode in ESXi, iLO might take a bit longer to discover Direct Attach NVMe Drive.
- iLO hostname displays the previous host name after iLO reset.
- NVMe Backplane Firmware Package 1.0 is not getting updated through iLO.
- Issue with the JSON payload for Country property.
- The following weak TLS 1.2 ciphers are disabled in High security state:

- 256-bit AES with RSA, ECDH, and a SHA384 MAC (ECDHE-RSA-AES256-SHA384)
- 256-bit AES with RSA, DH, and a SHA256 MAC (DHE-RSA-AES256-SHA256)
- 128-bit AES with RSA, ECDH, and a SHA256 MAC (ECDHE-RSA-AES128-SHA256)
- 128-bit AES with RSA, DH, and a SHA256 MAC (DHE-RSA-AES128-SHA256)
- Fix for multiple security issues(CVE-2022-28626,CVE-2022-28627,CVE-2022-28628,CVE-2022-28629,CVE-2022-28630,CVE-2022-28631,CVE-2022-28632,CVE-2022-28633,CVE-2022-28634,CVE-2022-28635,CVE-2022-28636).
- Port Status of 331i & 562FLR Network Adapter cards do not change from unknown to ok in rare occasions.
- "show swid" command displays HPE Smart Array P408i-a SR Gen10 card twice.
- iLO responds with wrong Network port information during Ports collection and Network Device Functions collection.
- Server boot gets stuck on POST while loading Encryption keys for secure boot.
- EID Table information is retained in AHS though MCTP discovery is disabled.
- Front Display Port (DP) on Universal Media bay does not work in certain instances.
- iLO unable to authenticate users intermittently when directory authentication is enabled.Japanese

Enhancements

- PATCH support for Redfish Property "DateTimeLocalOffset".
- Ability to disable/enable TLS 1.0 and/or TLS 1.1 in Production state.
- The Temperature page now displays the temperature details of the available PCIe subcomponents.
- Link information of PCIDevices when getting /redfish/v1/systems/1 changed from object to array.This may affect tools using the Restful API. See CRI-2022-0008 for information on tools provided by Hitachi.

Online ROM Flash Component for Windows x64 - iLO 5

Enhancements

- "SessionTimeout" property missing under "/redfish/v1/SessionService" URI.
- GUI reporting configured drives as unconfigured.
- A router failover post iLO NIC link down and link up could cause iLO to be rendered unreachable over router (default gateway).
- Incorrect SNMP Trap Data value for cpqSm2CntlrBadLoginAttempts (OID 1.3.6.1.4.1.232.9.2.2.14)
- Patch operation under redfish URI chassis/1/Thermal not working.
- When a storage controller is configured in Passthrough Mode in ESXi, iLO might take a bit longer to discover Direct Attach NVMe Drive.
- iLO hostname displays the previous host name after iLO reset.
- NVMe Backplane Firmware Package 1.0 is not getting updated through iLO.
- Issue with the JSON payload for Country property.
- The following weak TLS 1.2 ciphers are disabled in High security state:
 - 256-bit AES with RSA, ECDH, and a SHA384 MAC (ECDHE-RSA-AES256-SHA384)
 - 256-bit AES with RSA, DH, and a SHA256 MAC (DHE-RSA-AES256-SHA256)
 - 128-bit AES with RSA, ECDH, and a SHA256 MAC (ECDHE-RSA-AES128-SHA256)

- 128-bit AES with RSA, DH, and a SHA256 MAC (DHE-RSA-AES128-SHA256)
- Fix for multiple security issues(CVE-2022-28626,CVE-2022-28627,CVE-2022-28628,CVE-2022-28629,CVE-2022-28630,CVE-2022-28631,CVE-2022-28632,CVE-2022-28633,CVE-2022-28634,CVE-2022-28635,CVE-2022-28636).
- Port Status of 331i & 562FLR Network Adapter cards do not change from unknown to ok in rare occasions.
- "show swid" command displays HPE Smart Array P408i-a SR Gen10 card twice.
- iLO responds with wrong Network port information during Ports collection and Network Device Functions collection.
- Server boot gets stuck on POST while loading Encryption keys for secure boot.
- EID Table information is retained in AHS though MCTP discovery is disabled.
- Front Display Port (DP) on Universal Media bay does not work in certain instances.
- iLO unable to authenticate users intermittently when directory authentication is enabled.Japanese

Enhancements

- PATCH support for Redfish Property "DateTimeLocalOffset".
- Ability to disable/enable TLS 1.0 and/or TLS 1.1 in Production state.
- The Temperature page now displays the temperature details of the available PCIe subcomponents.
- Link information of PCIDevices when getting /redfish/v1/systems/1 changed from object to array.This may affect tools using the Restful API. See CRI-2022-0008 for information on tools provided by Hitachi.

Online ROM Flash Firmware Package - iLO 5

Enhancements

- "SessionTimeout" property missing under "/redfish/v1/SessionService" URI.
- GUI reporting configured drives as unconfigured.
- A router failover post iLO NIC link down and link up could cause iLO to be rendered unreachable over router (default gateway).
- Incorrect SNMP Trap Data value for cpqSm2CntlrBadLoginAttempts (OID 1.3.6.1.4.1.232.9.2.2.14)
- Patch operation under redfish URI chassis/1/Thermal not working.
- When a storage controller is configured in Passthrough Mode in ESXi, iLO might take a bit longer to discover Direct Attach NVMe Drive.
- iLO hostname displays the previous host name after iLO reset.
- NVMe Backplane Firmware Package 1.0 is not getting updated through iLO.
- Issue with the JSON payload for Country property.
- The following weak TLS 1.2 ciphers are disabled in High security state:
 - 256-bit AES with RSA, ECDH, and a SHA384 MAC (ECDHE-RSA-AES256-SHA384)
 - 256-bit AES with RSA, DH, and a SHA256 MAC (DHE-RSA-AES256-SHA256)
 - 128-bit AES with RSA, ECDH, and a SHA256 MAC (ECDHE-RSA-AES128-SHA256)
 - 128-bit AES with RSA, DH, and a SHA256 MAC (DHE-RSA-AES128-SHA256)
- Fix for multiple security issues(CVE-2022-28626,CVE-2022-28627,CVE-2022-28628,CVE-2022-28629,CVE-

2022-28630,CVE-2022-28631,CVE-2022-28632,CVE-2022-28633,CVE-2022-28634,CVE-2022-28635,CVE-2022-28636).

- Port Status of 331i & 562FLR Network Adapter cards do not change from unknown to ok in rare occasions.
- "show swid" command displays HPE Smart Array P408i-a SR Gen10 card twice.
- iLO responds with wrong Network port information during Ports collection and Network Device Functions collection.
- Server boot gets stuck on POST while loading Encryption keys for secure boot.
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Enhancements

- PATCH support for Redfish Property "DateTimeLocalOffset".
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- The Temperature page now displays the temperature details of the available PCIe subcomponents.
- Link information of PCIDevices when getting /redfish/v1/systems/1 changed from object to array.This may affect tools using the Restful API. See CRI-2022-0008 for information on tools provided by Hitachi.

Integrated Smart Update Tools 3.0.0 for ESXi 7.0

Version: 2022.08.00 (Recommended)

Fixes

See the iSUT Release Notes for information about the issues resolved in this release

Enhancements

See the iSUT Release Notes for information about the enhancements added in this release

Integrated Smart Update Tools for Linux x64

Version: 3.0.0.0 (Recommended)

Important Note!

Please note the following:

SUT requires a Service Pack for ProLiant-based ISO containing Smart Update Manager (SUM) 8.0.0 or later. If an earlier version of SUM is used, SUT will notify the user that SUM 8.0.0 and later is required.

SUT uses the iLO RESTful Tool to communicate with iLO. iLO RESTful Tool is included with the SUT component and is installed as part of the SUT installation process. If an earlier version of the iLO RESTful Tool is already installed on a server, the iLO RESTful Tool provided with SUT will be upgraded on the server. SUT will service HPE ProLiant Gen8 and later versions and requires iLO 4 firmware version 2.51 or later. For Gen10 and above we need iLO 5 firmware version 1.11 or later

Smart Update Tools requires iLO Advanced Pack license.

Prerequisites

For prerequisite information, please see the iSUT Release Notes.

Fixes

See the iSUT Release Notes for information about the issues resolved in this release

Enhancements

See the iSUT Release Notes for information about the issues resolved in this release

Integrated Smart Update Tools for Windows x64

Version: 3.0.0.0 (Recommended)

Important Note!

Please note the following:

SUT requires a Service Pack for ProLiant-based ISO containing Smart Update Manager (SUM) 8.0.0 or later.

If an earlier version of SUM is used, SUT will notify the user that SUM 8.0.0 and later is required.

SUT uses the iLO RESTful Tool to communicate with iLO. iLO RESTful Tool is included with the SUT

component and is installed as part of the SUT installation process. If an earlier version of the iLO RESTful

Tool is already installed on a server, the iLO RESTful Tool provided with SUT will be upgraded on the server.

SUT will service HPE ProLiant Gen8 and later versions and requires iLO 4 firmware version 2.51 or later. For Gen10 and above we need iLO 5 firmware version 1.11 or later

Smart Update Tools requires iLO Advanced Pack license.

Prerequisites

For prerequisite information, please see the SUT Release Notes.

Fixes

See the iSUT Release Notes for information about the issues resolved in this release

Enhancements

See the iSUT Release Notes for information about the issues resolved in this release

Identifiers for Intel Xeon E-22xx Processor for Microsoft Windows

Version: 10.1.18807.8279 (B) (Optional)

Enhancements

- Added SHA384 signature

Identifiers for Intel Xeon E-23xx Processor for Microsoft Windows

Version: 10.1.18807.8279 (B) (Optional)

Enhancements

- Added support for HPE ProLiant MicroServer Gen10 Plus v2

Identifiers for Intel Xeon Scalable Processors (First and Second Generation) for Microsoft Windows

Version: 10.1.18807.8279 (C) (Optional)

Enhancements

- Added support for HPE ProLiant e910/e910t Server Blade

Identifiers for Intel Xeon Scalable Processors (Third Generation) for Microsoft Windows

Version: 10.1.18807.8279 (B) (Optional)

Enhancements

- Added SHA384 signature

Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019

Version: 222.0.126.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in Broadcom Firmware Package for BCM5741x and BCM5750x adapters, version 222.1.68.0 or later, for use with this driver.

Fixes

This product correct an issue which the VF driver to delete and recreate CFA filter for the default VNIC upon VF VLAN changed.

Enhancements

- This product now supports to improve a few event log messages which contain dynamic arguments.
- This product no longer supported NDIS Inbox cat/pdb/sys files.
- This product is updated to maintain compatibility with CNSA (Commercial National Security Algorithm) compliance.

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022

Version: 222.0.126.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in Broadcom Firmware Package for BCM5741x and BCM5750x adapters, version 222.1.68.0 or later, for use with this driver.

Fixes

This product correct an issue which the VF driver to delete and recreate CFA filter for the default VNIC upon VF VLAN changed.

Enhancements

- This product now supports to improve a few event log messages which contain dynamic arguments.
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Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Broadcom NX1 1Gb Driver for Windows Server x64 Editions

Version: 221.0.4.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.0.0 or later, for use with this driver.

Fixes

- This product addresses an issue which the NDISTest 6.5 OffloadMisc OffloadChecksum OffloadLSO tests failing on Win2019.
- This product addresses an issue which the 5719 4-Port Performance Issue at 10 Mb/S link rate with Auto-Negotiate mode as recommended.

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE
- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE

HPE Broadcom NetXtreme-E Driver for Windows Server 2019

Version: 222.0.126.0 (Recommended)

Important Note!

HPE recommends the HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters Version, 218.0.303000 or later, for use with this driver.

Fixes

- This product addresses an issue which create an RDMA connection to a different subnet and to read NetworkDirectGlobalFlags from the correct location for NDIS functions.
- This product addresses an BSOD issue which default RX buffer count from 7500 to 1000 which may take a long time.
- This product correct an issue which VF driver to delete and recreate CFA filter for the default VNIC upon

VF VLAN changed.

Enhancements

- This product now supports FirmwareW Time Setting.
- This product now supports limit TX completion processing in the DPC in order to avoid DPC timeout.
- This product now supports to improve a few event log messages which contain dynamic arguments.
- This product no longer supported the deprecated ExAllocatePoolWithTag() API.
- This product no longer supported NDIS Inbox cat/pdb/sys files.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter

HPE Broadcom NetXtreme-E Driver for Windows Server 2022

Version: 222.0.126.0 (Recommended)

Important Note!

HPE recommends the HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters Version, 218.0.303000 or later, for use with this driver.

Fixes

- This product addresses an issue which create an RDMA connection to a different subnet and to read NetworkDirectGlobalFlags from the correct location for NDIS functions.
- This product addresses an BSOD issue which default RX buffer count from 7500 to 1000 which may take a long time.
- This product correct an issue which VF driver to delete and recreate CFA filter for the default VNIC upon VF VLAN changed.

Enhancements

- This product now supports FirmwareW Time Setting.
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- This product no longer supported the deprecated ExAllocatePoolWithTag() API.
- This product no longer supported NDIS Inbox cat/pdb/sys files.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter

- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter

HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0

Version: 2022.10.12 (Recommended)

Important Note!

- This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPOxxxx.xml file.
- HPE recommends the HPE Broadcom NetXtreme-E Firmware Version, 218.0.303000 or later, for use with this driver.

Fixes

- This product correct an issue which the problem of failing to bring up maximum amount of VFs.
- This product correct an issue which the PSOD if rx-ring size is less than 256 or exact 128.
- This product correct an issue which the vxlan tunnel port config failure symptom during driver reload.

Enhancements

This product is updated to maintain compatibility with CNSA (Commercial National Security Algorithm) compliance.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions

Version: 221.0.4.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.0.0 or later, for use with this driver.

Fixes

- This product correct an issue which fixes the NDISTest 6.5 OffloadMisc OffloadChecksum OffloadLSO tests failing on Win2019
- This product correct an issue which fixes the 5719 4-Port Performance Issue at 10 Mb/S link rate with Auto-Negotiate mode as recommended.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 1Gb 4-port 331i Adapter (22BE)
- HPE Ethernet 1Gb 4-port 331FLR Adapter
- HPE Ethernet 1Gb 4-port 331T Adapter
- HPE Ethernet 1Gb 2-port 332i Adapter (22E8)
- HPE Ethernet 1Gb 2-port 332T Adapter

HPE Intel E1R Driver for Windows Server 2019

Version: 12.18.13.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library e1rmsg.dll.

Supported Devices and Features

This driver supports the following HPE Intel E1R network adapters:

- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter

HPE Intel E1R Driver for Windows Server 2022

Version: 13.0.13.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library e1rmsg.dll.

Supported Devices and Features

This driver supports the following HPE Intel E1R network adapters:

- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter

- HPE Ethernet 1Gb 4-port 366T Adapter

HPE Intel i40ea Driver for Windows Server 2019

Version: 1.16.202.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Fixes

This product correct an issue which potentially drop during performance test.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter

HPE Intel i40ea Driver for Windows Server 2022

Version: 1.16.202.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Fixes

This product correct an issue which potentially drop during performance test.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter

HPE Intel i40eb Driver for Windows Server 2019

Version: 1.16.202.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Fixes

This product correct an issue which BSOD 0x50 during power cycle stress.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter

HPE Intel i40eb Driver for Windows Server 2022

Version: 1.16.202.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Fixes

This product correct an issue which BSOD 0x50 during power cycle stress.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter

HPE Intel i40en Driver for VMware vSphere 7.0

Version: 2022.09.01 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for VMware, version 3.17.0 or later, for use with this driver.

Enhancements

This product enhances to Collect of FW debug data in different scenarios

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

HPE Intel iavf Driver for Windows Server 2019

Version: 1.13.8.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Prerequisites

This driver requires host driver version 1.16.202.0 or later.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library iavfmsg.dll.

Supported Devices and Features

This product supports the following HPE Intel i40ea network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter

HPE Intel iavf Driver for Windows Server 2022

Version: 1.13.8.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Prerequisites

This driver requires host driver version 1.16.202.0 or later.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library iavfmsg.dll.

Supported Devices and Features

This product supports the following HPE Intel i40ea network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter

HPE Intel igbn Driver for VMware vSphere 7.0

Version: 2022.09.01 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPOxxxx.xml file.

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for VMware, version 3.2.0 or later, for use with this driver.

Enhancements

This product now supports HPE ProLiant MicroServer Gen10 Plus v2

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter

- Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE
- Intel(R) I350 Gigabit Network Connection

HPE Intel ixgben Driver for VMware vSphere 7.0

Version: 2022.09.01 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for VMware, version 3.2.0 or later, for use with this driver.

Enhancements

This product enhances to Collect of FW debug data in different scenarios

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 562T Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter

HPE Intel ixS Driver for Windows Server 2019

Version: 4.1.246.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library ixsmg.dll.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

HPE Intel ixS Driver for Windows Server 2022

Version: 4.1.248.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library ixsmg.dll.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2019

Version: 2.90.25506.0 (Recommended)

Fixes

- This product correct an issue which avoid cases of messages being cut event-id 25 incorrectly.
- This product correct an issue which Increased the timeout of loading multiple VF simultaneously to avoid cased of VFs failing to load.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 25Gb 2-port 640SFP28 Adapter
- HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter
- HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter

HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022

Version: 2.90.25506.0 (Recommended)

Fixes

- This product correct an issue which avoid cases of messages being cut event-id 25 incorrectly.
- This product correct an issue which Increased the timeout of loading multiple VF simultaneously to avoid cased of VFs failing to load.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 25Gb 2-port 640SFP28 Adapter
- HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter
- HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter

HPE QLogic FastLinQ 10/25/50 GbE Drivers for Windows Server x64 Editions

Version: 8.70.9.0 (Recommended)

Important Note!

HPE recommends the firmware provided as below for use with these drivers,

- HPE QLogic FastLinQ Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.7.0 or later.

Fixes

- This product correct an issue which BSOD with 0x139 referencing qenda.sys.
- This product correct an issue which node crash on Azure Stack HCI.
- This product correct an issue which Memory leak violation during unload with Driver Verifier enabled
- This product correct an issue which System crash while performing PF load-unload during surprise removal.

Supported Devices and Features

This product supports the following network adapters:

HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 7.0

Version: 2022.09.01 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hp.com webpages, plus an HPE specific CPOxxxxx.xml file.

HPE recommends the firmware provided as below for use with these drivers,

- HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware, version 4.16.3 or later.

Fixes

- This product correct an issue which Links down due to unaligned ILT page size between storage & nic driver.
- This product correct an issue which PSOD while in idle state
- This product correct an issue which PSOD on 100G while capturing periodic stats.
- This product correct an issue which PSOD while rebooting after driver install
- This product correct an issue which PSOD during switchport enable/disable operations on POLLING mode.
- This product correct an issue which accounting error related to port statistics and incorrectly recording Rx drops. The incorrect logging of Rx drops can generate a VMware alert message similar to “High pNic error rate detected.

Supported Devices and Features

This product supports the following network adapters:

HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 7.0

Version: 2022.09.01 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hp.com webpages, plus an HPE specific CPOxxxxx.xml file.

HPE recommends the firmware provided in HPE QLogic NX2 Online Firmware Upgrade Utility for VMware,

version 1.31.0 or later, for use with this driver.

Fixes

- This product correct an issue which System crashed with PSOD upon clean reboot.
- This product correct an issue which Physical link LED still ON even after esxcli down.
- This product correct an issue which PSOD occurred while querying adapters with esxcli plugin.
- This product correct an issue which recursive panic occurs when capturing VM-Support dump.

Enhancements

This product is updated to maintain compatibility with CNSA (Commercial National Security Algorithm) compliance.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 530T Adapter
- HPE Ethernet 10Gb 2-port 530SFP+ Adapter
- HPE FlexFabric 10Gb 2-port 533FLR-T Adapter

HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions

Version: 7.13.206.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.7.0 or later, for use with these drivers.

Fixes

- This product correct an issue where System crash while upgrading with NPAR SRIOV-EP mode enabled.
- This product correct an issue where BSOD in Windows NDIS driver while in WS2022 PCS Configuration.

Enhancements

This product is updated to maintain compatibility with CNSA (Commercial National Security Algorithm) compliance.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 10Gb 2-port 530SFP+ Adapter
- HPE Ethernet 10Gb 2-port 530T Adapter

Intel i350 Driver for Windows Server 2019

Version: 12.18.13.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Enhancements

This product now supports the following new server.

- HPE ProLiant MicroServer Gen10 Plus v2

Supported Devices and Features

This driver supports the following HPE Intel E1R network adapters:

- Intel(R) I350 Gigabit Network Connection
-

Intel i350 Driver for Windows Server 2022

Version: 13.0.13.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Enhancements

This product now supports the following new server.

- HPE ProLiant MicroServer Gen10 Plus v2

Supported Devices and Features

This driver supports the following HPE Intel E1R network adapters:

- Intel(R) I350 Gigabit Network Connection
-

Intel i40ea Driver for Windows Server 2019

Version: 1.16.202.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Fixes

This product correct an issue which potentially drop during performance test.

Enhancements

This product now supports the following new server.

- HPE ProLiant MicroServer Gen10 Plus v2

Supported Devices and Features

This driver supports the following HPE Intel I40EA network adapters:

- Intel X710-DA2 Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE
 - Intel X710-DA2 Ethernet 10Gb 2-port SFP+ Adapter for HPE
-

Intel i40ea Driver for Windows Server 2022

Version: 1.16.202.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Fixes

This product correct an issue which fixes potentially drop during performance test.

Enhancements

This product now supports the following new server.

- HPE ProLiant MicroServer Gen10 Plus v2

Supported Devices and Features

This driver supports the following HPE Intel I40EA network adapters:

- Intel X710-DA2 Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE
- Intel X710-DA2 Ethernet 10Gb 2-port SFP+ Adapter for HPE

Intel iavf Driver for Windows Server 2019

Version: 1.13.8.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Prerequisites

This driver requires host driver version the following:

- Intel i40ea Driver version 1.16.202.0 or later.
- Intel icea Driver version 1.11.44.0 or later.

Enhancements

This product now supports the following new server.

- HPE ProLiant MicroServer Gen10 Plus v2

Supported Devices and Features

This product supports the following Intel VFnetwork adapters:

- HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter
- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Intel iavf Driver for Windows Server 2022

Version: 1.13.8.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

Prerequisites

This driver requires host driver version the following:

- Intel i40ea Driver version 1.16.202.0 or later.
- Intel icea Driver version 1.11.44.0 or later.

Enhancements

This product now supports the following new server.

- HPE ProLiant MicroServer Gen10 Plus v2

Supported Devices and Features

This product supports the following Intel VFnetwork adapters:

- HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter
- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Intel icea Driver for Microsoft Windows Server 2022

Version: 1.11.44.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Firmware Package for Columbiaville (FWPKG), version 3.20 or later, for use with this driver.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library iceamsd.dll.

Supported Devices and Features

This driver supports the following HPE Intel ICEA network adapters:

- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE

- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Intel icea Driver for Windows Server 2019

Version: 1.11.44.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Firmware Package for Columbiaville (FWPKG), version 3.20 or later, for use with this driver.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library iceamsd.dll.

Supported Devices and Features

This driver supports the following HPE Intel ICEA network adapters:

- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0

Update 2 and Update 3

Version: 2021.04.21 (C) (Recommended)

Important Note!

Important: Version 4.21.71.1 supports VMware ESXi 7.0 Update 2 and Update 3 only.

Known Issues with driver version 4.21.71.101:

- A mismatch between the uplink and the VF MTU values may result in CQE with error. Workaround:: Align the uplink and the VF MTU values.
- Enabling sriov_mc_isolation module parameter may result in vmknic and emulated NICs multicast and IPv6 traffic loss. Workaround: Unset or set the module parameter to 0.
- RDMA is not supported in the Hypervisor with ENS (Enhanced Network Stack) model 2.
- Setting the "Allow Guest MTU Change" option in vSphere Client is currently not functional. Although guest MTU changes in SR-IOV are allowed, they do not affect the port's MTU and the guest's MTU remains the same as the PF MTU.
- ECN (Explicit congestion notification) statistic counters accumulatorsPeriod and ecnMarkedRocePackets display wrong values and cannot be cleared.
- ECN tunable parameter initialAlphaValue for the Reaction Point protocol cannot be modified.

- Card's speed remains zero after port goes down and reboot is performed.
- RoCE traffic may fail after vMotion when using namespace.
- Legacy SR-IOV is not supported with Model 1.
- When in ENS mode, changing the scheduler to HCLK, may cause traffic loss.
- The 'esxcli mellanox uplink link info -u <vmnic_name>' command reports the 'Auto negotiation' capability always as 'true'.
- SMP MADs (ibnetdiscover, sminfo, iblinkinfo, smpdump, ibqueryerr, ibdiagnet and smpquery) are not supported on the VFs.
- Although the max_vfs module parameter range is "0-128", due to firmware limitations, the following are the supported VFs per single port devices:
 - ConnectX-4 / ConnectX-5: up to 127

Fixes

Fixes included in driver version 4.21.71.101:

- Fixed a compatibility issue with VMware Update Manager as it wouldn't accept a bundle with metadata xml with old versioning scheme. The metadata xml now contains the new versioning scheme.

Enhancements

The following changes have been made in sub-version 2021.04.21(C):

- Product rebuilt to have the new SHA 384 signature.
- Removed support for the following servers:

New features and changes in driver version 4.21.71.101:

- Added support for the following features:
 - vSan over RDMA.
 - Receive Side Scaling (RSS) for ENS model 0.
 - ENS FPO Model 1 with Rx path flow lookup offloaded (ConnectX5 onwards)
 - ENS FPO Model 1 with Tx path partial action execution offloaded (ConnectX5 onwards)
 - ENS FPO Model 2 with SR-IOV as passthrough technology (ConnectX5 onwards)
 - 200GbE link speed.
 - ConnectX-6 Lx devices.
 - Data Center Bridging Capability Exchange (DCBX) protocol with hardware offload.
 - sriov_mc_isolation module parameter to isolate multicast traffic to SR-IOV interfaces. Default value is OFF.
 - ens_fallback_model to set the default fallback mode when the option to query ENS model from the OS is no supported. Default to Model 1.
- Scaled support for up to 10K connections over RDMA networks.
- Updated the kernel parameter "supported_num_ports" default value to 1 to lower memory constraints.
Note: The user must set a value corresponding to the amount of ports installed in the system.

Supported Devices and Features

HPE Part Number	Device Name	PSID

872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE000000009
P10112-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_0000000241
P13188-B21	Mellanox MCX512F-ACHT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	MT_0000000416
P25960-B21	Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	MT_0000000437
P10180-B21	Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE	MT_0000000435
P42041-B21	Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_0000000551
P42044-B21	Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	MT_0000000575

Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019

Version: 2.90.25506.0 (Recommended)

Fixes

- This product correct an issue which avoid cases of messages being cut event-id 25 incorrectly.
- This product correct an issue which Increased the timeout of loading multiple VF simultaneously to avoid cased of VFs failing to load.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter
- HPE Ethernet 100Gb 2-Port QSFP56 MCX623106AS-CDAT Adapter
- Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE
- Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE

Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022

Version: 2.90.25506.0 (Recommended)

Fixes

- This product correct an issue which avoid cases of messages being cut event-id 25 incorrectly.
- This product correct an issue which Increased the timeout of loading multiple VF simultaneously to avoid cased of VFs failing to load.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter
- HPE Ethernet 100Gb 2-Port QSFP56 MCX623106AS-CDAT Adapter

- Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE
- Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE

net-mst kernel module driver component for VMware ESXi 7.0

Version: 2020.11.11 (D) (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the HPE vibsdepot.hpe.com webpage, plus an HPE specific CPXXXX.xml file.

Prerequisites

NA

Enhancements

The following changes have been made in sub-version 2020.11.11(D):

- Product rebuilt to have the new SHA 384 signature.
- Removed support for the following servers:

Supported Devices and Features

HPE Part Number	Device Name	PSID
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE000000009
P10112-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_0000000241
P13188-B21	Mellanox MCX512F-ACHT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	MT_0000000416
P25960-B21	Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	MT_0000000437
P10180-B21	Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE	MT_0000000435
P42041-B21	Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_0000000551
P42044-B21	Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	MT_0000000575

HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2016 and Windows Server 2019

Version: 106.12.6.0 (D) (Recommended)

Enhancements

- Update build environment with SHA384

HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2022

Version: 1010.14.0.0 (C) (Recommended)

Enhancements

- Update build environment with SHA384

HPE Smart Storage SR100i Gen10 Plus SW RAID Driver for Windows Server 2016 and Windows Server 2019

Version: 106.124.100.1005 (Recommended)

Enhancements

- Added UBM6 backplane support.

HPE Smart Storage SR100i Gen10 Plus SW RAID Driver for Windows Server 2022

Version: 1010.124.100.1005 (Recommended)

Enhancements

- Added UBM6 backplane support.

HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller (64-bit) Driver for vSphere 7.0 (Driver Component)

Version: 2021.04.01 (C) (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPXXXX.xml file.

Enhancements

- Support SHA384 format

HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2019 edition.

Version: 7.716.3.0 (C) (Recommended)

Enhancements

- Added SHA384 format.

HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2022 edition.

Version: 7.719.6.0 (B) (Recommended)

Enhancements

- Added SHA384 format.

HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).

Version: 2022.10.01 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the vmware.com, plus an HPE specific CPXXXX.xml file.

Fixes

- Fixed an issue where the SCSI READ BLOCK LIMITS (0x5) command is never completed by firmware and a TMF ABORT is issued in ESXi.
- Fixed an issue where the driver reports an error when the unsupported SCSI Maintenance IN (0xA3) command with service action “report supported opcode” (0xC) is sent to the logical drive.

Enhancements

- Added module parameter to disable managed interrupts (disable_managed_interrupts=1).

HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022

Version: 1010.42.0.1020 (Recommended)

Fixes

- Fixed a BSOD due to driver and controller hardware not supporting greater than 16 byte CDB.

Enhancements

- Added module parameter to disable managed interrupts (disable_managed_interrupts=1).

HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019

Version: 14.0.534.0 (Recommended)

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Enhancements

Updated to driver version 14.0.534.0

The raw driver files can be obtained by extracting the Smart Component and then extracting the Emulex installer. Use this command:

```
elxdrv-fc-version.exe /q2 extract=2
```

The extracted files are located:

C:\Users\Administrator\Documents\Emulex\Drivers\FC-version

Each kit folder has subsequent architecture folders with subsequent OS folders. For example,

C:\Users\Administrator\Documents\Emulex\Drivers\FC-version\x64\win2019

Supported Devices and Features

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter

- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022

Version: 14.0.534.0 (Recommended)

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Enhancements

Updated to driver version 14.0.534.0

The raw driver files can be obtained by extracting the Smart Component and then extracting the Emulex installer. Use this command:

```
elxdrv-fc-version.exe /q2 extract=2
```

The extracted files are located:

C:\Users\Administrator\Documents\Emulex\Drivers\FC-version

Each kit folder has subsequent architecture folders with subsequent OS folders. For example,

C:\Users\Administrator\Documents\Emulex\Drivers\FC-version\x64\win2019

Supported Devices and Features

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019

Version: 9.4.6.20 (b) (Recommended)

Important Note!

Release Notes: HPE QLogic Adapters Release Notes

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Enhancements

- Made improvements to the Fabric Port Identification Number (FPIN) and Universal Storage Area Network (SAN) Congestion Mitigation (USCM) Congestion Management algorithms.

Updated to version 9.4.6.20

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022

Version: 9.4.6.20 (b) (Recommended)

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Enhancements

- Initial driver for Windows 2022
- Made improvements to the Fabric Port Identification Number (FPIN) and Universal Storage Area Network (SAN) Congestion Mitigation (USCM) Congestion Management algorithms

Updated to version 9.4.6.20

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2016 and 2019

Version: 4.7.1.0 (C) (Optional)

Important Note!

Installing the iLO 5 Channel Interface Driver, version 4.1.0.0 or earlier, will overwrite this driver. To avoid the overwrite, use version 4.1.0.0(B) or later of the iLO 5 Channel Interface Driver.

Enhancements

- Added SHA384 signature

iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2022

Version: 4.7.1.0 (B) (Optional)

Important Note!

Installing the iLO 5 Channel Interface Driver, version 4.1.0.0 or earlier, will overwrite this driver. To avoid the overwrite, use version 4.1.0.0(B) or later of the iLO 5 Channel Interface Driver.

Enhancements

- Added SHA384 signature

iLO 5 Channel Interface Driver for Microsoft Windows Server 2016 and 2019

Version: 4.7.1.0 (C) (Optional)

Enhancements

- Added SHA384 signature

iLO 5 Channel Interface Driver for Microsoft Windows Server 2022

Version: 4.7.1.0 (C) (Optional)

Enhancements

- Added SHA384 signature

Matrox G200eH3 Video Controller Driver for Microsoft Windows 64-bit

Version: 9.15.1.248 (B) (Optional)

Enhancements

- Added support for HPE ProLiant MicroServer Gen10 Plus v2
- Added SHA384 signature

Broadcom Firmware Package for BCM5741x adapters

Version: 222.1.68.0 (Recommended)

Important Note!

For Firmware installation, there is no OS and drivers dependency. For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Broadcom NetXtreme-E Driver for Microsoft Windows Server, version 222.0.126.0 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.2-222.0.142.0 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 222.0.118.0 or later

Fixes

This product addresses some minor adjustment with its internal UEFI code structure.

Supported Devices and Features

This product supports the following network adapters:

Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64

Version: 2.29.2 (Recommended)

Important Note!

HPE recommends HPE Broadcom tg3 Ethernet Drivers, versions 3.139e or later, for use with this firmware.

Prerequisites

This package requires the appropriate driver for your network adapter to be installed and all Ethernet ports brought up before firmware can be updated.

- Follow the command line to bring up ethernet device:

```
# ifup ethX or ifconfig ethX up or wicked ifup ethX
```

If local system doesn't configure any network interface for the adapter that are necessary then to create the network config file to bring up interface.

- For example in sles15sp1, To create ifcfg-ethX files under `/etc/sysconfig/network/`

Fixes

This product addresses some minor adjustment with its internal UEFI code structure.

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE

Broadcom NX1 Online Firmware Upgrade Utility for VMware

Version: 1.30.2 (Recommended)

Important Note!

This software package contains combo image v20.22.41 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version	CCM Version
BCM 5719 1GbE 4p BASE-T Adptr	1.46	21.6.2	1.5.35	21.6.36	222.0.137.0
BCM 5719 1GbE 2p BASE-T OCP3 Adptr	1.46	21.6.2	1.5.35	21.6.36	222.0.137.0
BCM 5720 1GbE 2p BASE-T LOM Adptr	1.42	21.6.2	1.5.35	21.6.36	222.0.137.0

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Fixes

This product addresses some minor adjustment with its internal UEFI code structure.

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE

Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.3.0.0 (Recommended)

Important Note!

HPE recommends Broadcom NX1 1Gb Driver for Windows Server x64 Editions, version 221.0.4.0 or later, for use with this firmware.

This software package contains combo image v20.22.41 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version	CCM Version
BCM 5719 1GbE 4p BASE-T Adptr	1.46	21.6.2	1.5.35	21.6.36	222.0.137.0
BCM 5719 1GbE 2p BASE-T OCP3 Adptr	1.46	21.6.2	1.5.35	21.6.36	222.0.137.0
BCM 5720 1GbE 2p BASE-T LOM Adptr	1.42	21.6.2	1.5.35	21.6.36	222.0.137.0

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Fixes

This product addresses some minor adjustment with its internal UEFI code structure.

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE

HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64

Version: 2.30.2 (Recommended)

Important Note!

HPE recommends HPE Broadcom tg3 Ethernet Drivers, versions 3.139c or later, for use with this firmware.

Prerequisites

his package requires the appropriate driver for your network adapter to be installed and all Ethernet ports brought up before firmware can be updated.

- Follow the command line to bring up ethernet device:

```
# ifup ethX or ifconfig ethX up or wicked ifup ethX
```

If local system doesn't configure any network interface for the adapter that are necessary then to create the network config file to bring up interface.

- For example in sles15sp1, To create ifcfg-ethX files under `/etc/sysconfig/network/`

Enhancements

- This product no longer supported of updating FW via Service Pack for Proliant on HPE Proliant Gen9 servers.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 331i Adapter (22BE)
- HPE Ethernet 1Gb 4-port 331FLR Adapter
- HPE Ethernet 1Gb 4-port 331T Adapter
- HPE Ethernet 1Gb 2-port 332i Adapter (22E8)
- HPE Ethernet 1Gb 2-port 332T Adapter

HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware

Version: 1.31.2 (Recommended)

Important Note!

This software package contains combo image v20.22.41 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version	CCM Version
BCM 5719 1GbE 4p BASE-T Adptr	1.46	21.6.2	1.5.35	21.6.36	222.0.137.0
BCM 5719 1GbE 2p BASE-T OCP3 Adptr	1.46	21.6.2	1.5.35	21.6.36	222.0.137.0
BCM 5720 1GbE 2p BASE-T LOM Adptr	1.42	21.6.2	1.5.35	21.6.36	222.0.137.0

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

This product no longer supported of updating FW via Service Pack for Proliant on HPE Proliant Gen9 servers.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 331i Adapter (22BE)
- HPE Ethernet 1Gb 4-port 331FLR Adapter
- HPE Ethernet 1Gb 4-port 331T Adapter
- HPE Ethernet 1Gb 2-port 332i Adapter (22E8)
- HPE Ethernet 1Gb 2-port 332T Adapter

HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.3.0.0 (Recommended)

Important Note!

HPE recommends HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions, version 221.0.4.0 or later, for use with this firmware.

This software package contains combo image v20.22.41 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version	CCM Version
BCM 5719 1GbE 4p BASE-T Adptr	1.46	21.6.2	1.5.35	21.6.36	222.0.137.0

BCM 5719 1GbE 2p BASE-T OCP3 Adptr	1.46	21.6.2	1.5.35	21.6.36	222.0.137.0
BCM 5720 1GbE 2p BASE-T LOM Adptr	1.42	21.6.2	1.5.35	21.6.36	222.0.137.0

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

This product no longer supported of updating FW via Service Pack for Proliant on HPE Proliant Gen9 servers.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 331i Adapter (22BE)
- HPE Ethernet 1Gb 4-port 331FLR Adapter
- HPE Ethernet 1Gb 4-port 331T Adapter
- HPE Ethernet 1Gb 2-port 332i Adapter (22E8)
- HPE Ethernet 1Gb 2-port 332T Adapter

HPE Intel Online Firmware Upgrade Utility for Linux x86_64

Version: 1.24.3 (Recommended)

Important Note!

HPE recommends at least one of the following drivers, as appropriate for your device, for use with this firmware:

- HPE Intel igb Drivers for Linux, versions 6.10.2 or later
- HPE Intel ixgbe Drivers for Linux , versions 5.15.2 or later
- HPE Intel i40e Drivers for Linux, versions 2.19.3 or later

Prerequisites

This package requires the appropriate driver for your network adapter to be installed and all Ethernet ports brought up before firmware can be updated.

- Follow the command line to bring up ethernet device:

```
# ifup ethX or ifconfig ethX up or wicked ifup ethX
```

If local system doesn't configure any network interface for the adapter that are necessary then to create the network config file to bring up interface.

- For example in sles15sp1, To create ifcfg-ethX files under /etc/sysconfig/network/

Fixes

This product addresses a issue where Firmware version isn't displaed in NIC HII menu

Supported Devices and Features

This package supports the following network adapters:

- HPE Ethernet 1Gb 2-port 361T Adapter

- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter
- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

HPE Intel Online Firmware Upgrade Utility for VMware

Version: 3.17.3 (Recommended)

Important Note!

This software package contains the following firmware versions for the below listed supported network adapters:

NIC	EEPROM/NVM Version	OROM Version	Single NVM Version
HPE Ethernet 1Gb 2-port 361T Adapter	80001147	1.3227.0	N/A
HPE Ethernet 1Gb 4-port 366FLR Adapter	800011A1	1.3227.0	N/A
HPE Ethernet 1Gb 4-port 366T Adapter	80001146	1.3227.0	N/A
HPE Ethernet 1Gb 4-port 369i Adapter	80003940	1.3227.0	N/A
HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	8000C689	1.3227.0	11.1.1
HPE Ethernet 10Gb 2-port 562FLR-T Adapter	800016F1	1.3227.0	10.55.3
HPE Ethernet 10Gb 2-port 562SFP+ Adapter	8000C688	1.3227.0	11.1.1
HPE Ethernet 10Gb 2-port 562T Adapter	800016EF	1.3227.0	10.55.3

The combo image v1.3227.0 includes: Boot Agent: 1GbE - v1.5.89, 10GbE - v2.4.45, 40GbE - v1.1.42 & UEFI Drivers: 1GbE - v9.8.06, 10GbE - v8.1.02, 40GbE - v4.9.13

The combo image v1.1375.0 includes: Boot Agent: 1GbE - v1.5.72, 10GbE - v2.3.46, 40GbE - v1.0.21 & UEFI Drivers: 1GbE - v6.9.13, 10GbE - v5.0.20, 40GbE - v1.5.14

Single NVM Version is new firmware format which represent an unified version in place of the previously used EEPROM/NVM Version or OROM version.

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Fixes

This product addresses a issue where Firmware version isn't displaed in NIC HII menu

Supported Devices and Features

This package supports the following network adapters:

- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter

- HPE Ethernet 1Gb 4-port 366T Adapter
- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.2.8.0 (Recommended)

Important Note!

This software package contains the following firmware versions for the below listed supported network adapters:

NIC	EEPROM/NVM Version	OROM Version	Single NVM Version
HPE Ethernet 1Gb 2-port 361T Adapter	80001147	1.3227.0	N/A
HPE Ethernet 1Gb 4-port 366FLR Adapter	800011A1	1.3227.0	N/A
HPE Ethernet 1Gb 4-port 366T Adapter	80001146	1.3227.0	N/A
HPE Ethernet 1Gb 4-port 369i Adapter	80003940	1.3227.0	N/A
HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	8000C689	1.3227.0	11.1.1
HPE Ethernet 10Gb 2-port 562FLR-T Adapter	800016F1	1.3227.0	10.55.3
HPE Ethernet 10Gb 2-port 562SFP+ Adapter	8000C688	1.3227.0	11.1.1
HPE Ethernet 10Gb 2-port 562T Adapter	800016EF	1.3227.0	10.55.3

The combo image v1.3227.0 includes: Boot Agent: 1GbE - v1.5.89, 10GbE - v2.4.45, 40GbE - v1.1.42 & UEFI Drivers: 1GbE - v9.8.06, 10GbE - v8.1.02, 40GbE - v4.9.13

The combo image v1.1375.0 includes: Boot Agent: 1GbE - v1.5.72, 10GbE - v2.3.46, 40GbE - v1.0.21 & UEFI Drivers: 1GbE - v6.9.13, 10GbE - v5.0.20, 40GbE - v1.5.14

Single NVM Version is new firmware format which represent an unified version in place of the previously used EEPROM/NVM Version or OROM version.

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Fixes

This product addresses a issue where Firmware version isn't displaed in NIC HII menu

Supported Devices and Features

This package supports the following network adapters:

- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter

- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

HPE QLogic FastLinQ Firmware Package for Arrowhead adapters

Version: 8.59.05 (Recommended)

Important Note!

For Firmware installation, there is no OS and drivers dependency. For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- HPE QLogic FastLinQ 10/25/50 GbE Drivers for Linux, version 8.70.6.1-1 or later
- HPE QLogic FastLinQ 10/25/50 GbE Drivers for Microsoft Windows Server x64 Editions, version 8.70.9.0 or later
- HPE QLogic FastLinQ 10/25/50 GbE Multifunction Drivers for VMware, version 5.0.336.0 or later

Supported Devices and Features

This product supports the following network adapters:

HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64

Version: 2.31.4 (Recommended)

Important Note!

HPE recommends HPE QLogic NX2 10/20GbE Multifunction Drivers for Linux, versions 7.15.10-1 or later, for use with the firmware in this package.

Prerequisites

This package requires the appropriate driver for your network adapter be installed and all Ethernet ports brought up (ifup ethX or ifconfig ethX up or wicked ifup ethX) before firmware can be updated.

If local system doesn't configure any network interface for the adapter that are necessary to create the network config file to bring up interface. - For example in sles15sp1, To create ifcfg-ethX files under /etc/sysconfig/network/.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 530SFP+ Adapter
- HPE Ethernet 10Gb 2-port 530T Adapter

HPE QLogic NX2 Online Firmware Upgrade Utility for VMware

Version: 1.31.4 (Recommended)

Important Note!

HPE recommends HPE QLogic NX2 10/20GbE Multifunction Drivers for VMware, versions 2022.09.0 or later, for use with this firmware.

This software package contains combo image v7.19.14 with the following firmware versions:

NIC	Boot Code Version	PXE Version	UEFI Version	iSCSI Version	FCoE Version	CCM Version	L2 Version
HPE Ethernet 10Gb 2-port 530SFP+ Adapter HPE Ethernet 10Gb 2-port 530T Adapter	7.16.13	7.14.13	8.9.3	n/a	n/a	7.14.4	7.12.25
HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.16.13	7.14.13	8.9.3	7.14.0	7.14.3	7.14.4	7.12.25

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

- This product now removes the support for VMware ESXi 6.5 and 6.7
- This product is updated to maintain compatibility with CNSA (Commercial National Security Algorithm) compliance.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 530SFP+ Adapter
- HPE Ethernet 10Gb 2-port 530T Adapter

HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.2.7.0 (Recommended)

Important Note!

HPE recommends at least one of the following drivers, as appropriate for your device, for use with this firmware:

- HPE QLogic NX2 10/20GbE Multifunction Drivers for Windows Server x64 Editions, version 7.13.198.0 or later

This software package contains combo image v7.19.14 with the following firmware versions:

NIC	Boot Code Version	PXE Version	UEFI Version	iSCSI Version	FCoE Version	CCM Version	L2 Version
HPE Ethernet 10Gb 2-port 530SFP+ Adapter	7.16.13	7.14.13	8.9.3	n/a	n/a	7.14.4	7.12.25

HPE Ethernet 10Gb 2-port 530T Adapter							
HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.16.13	7.14.13	8.9.3	7.14.0	7.14.3	7.14.4	7.12.25

The users will only see the combo image versions in the interactive mode firmware update or while using HPESUM/SPP to update the firmware on the supported adapters.

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

This product now removes the support for Microsoft Windows Server 2016

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 530SFP+ Adapter
- HPE Ethernet 10Gb 2-port 530T Adapter

Intel Firmware Package For E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter

Version: 3.20 (Recommended)

Important Note!

For Firmware installation, there is no OS and drivers dependency. For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Intel icea Driver for Microsoft Windows Server, version 1.11.44.0 or later
- Intel ice Drivers for Linux, version 1.8.8-2 or later
- Intel icen Driver for VMware, version 2022.09.01 or later

Fixes

- This product addresses an issue where Server Critical Fault Warning Is Experienced With HPE 100Gb QSFP28 MPO SR4 100m Transceivers
- This product addresses a compatibility issue with iLO5 2.70/2.71

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE

Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter

Version: 3.20 (Recommended)

Important Note!

For Firmware installation, there is no OS and drivers dependency. For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Intel icea Driver for Microsoft Windows Server, version 1.11.44.0 or later
- Intel ice Drivers for Linux, version 1.8.8-2 or later
- Intel icen Driver for VMware, version 2022.09.01 or later

Fixes

- This product addresses a modification on warning message when trying to update FW in power off state.
- This product addresses a compatibility issue with iLO5 2.70/2.71

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE

Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter

Version: 3.20 (Recommended)

Important Note!

For Firmware installation, there is no OS and drivers dependency. For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Intel icea Driver for Microsoft Windows Server, version 1.11.44.0 or later
- Intel ice Drivers for Linux, version 1.8.8-2 or later
- Intel icen Driver for VMware, version 2022.09.01 or later

Fixes

- This product addresses a modification on warning message when trying to update FW in power off state.
- This product addresses a compatibility issue with iLO5 2.70/2.71

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE

Intel Firmware Package For E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter

Version: 3.20 (Recommended)

Important Note!

For Firmware installation, there is no OS and drivers dependency. For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Intel icea Driver for Microsoft Windows Server, version 1.11.44.0 or later
- Intel ice Drivers for Linux, version 1.8.8-2 or later
- Intel icen Driver for VMware, version 2022.09.01 or later

Fixes

- This product addresses a modification on warning message when trying to update FW in power off state.
- This product addresses a compatibility issue with iLO5 2.70/2.71

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE

Intel Online Firmware Upgrade Utility for Linux x86_64

Version: 1.24.4 (Recommended)

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Fixes

This product addresses a compatibility issue with iLO5 2.70/2.71

Enhancements

This product now supports HPE ProLiant MicroServer Gen10 Plus v2

Supported Devices and Features

This package supports the following network adapters:

- Intel(R) I350 Gigabit Network Connection (2-port)
- Intel(R) I350 Gigabit Network Connection (4-port)
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

Intel Online Firmware Upgrade Utility for VMware

Version: 3.17.4 (Recommended)

Important Note!

This software package contains the following firmware versions for the below listed supported network adapters:

NIC	EEPROM/NVM Version	OROM Version	NVM Version
HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	8000CBAA	1.3218.0	8.7
HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	8000CBAB	1.3218.0	8.7
Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter	80001099	1.3218.0	N/A
Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter	80001199	1.3218.0	N/A
Intel(R) I350 Gigabit Network Connection (2-port)	8000119C	1.3218.0	N/A
Intel(R) I350 Gigabit Network Connection (4-port)	8000119D	1.3218.0	N/A

The combo image v1.3218.0 includes: Boot Agent: 1GbE - v1.5.89, Boot Agent I40E - v1.1.42 & UEFI Drivers: 1GbE - v9.8.06, 40 gigabit driver - v4.9.13

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Fixes

This product addresses a compatibility issue with iLO5 2.70/2.71

Enhancements

This product now supports HPE ProLiant MicroServer Gen10 Plus v2

Supported Devices and Features

This package supports the following network adapters:

- Intel(R) I350 Gigabit Network Connection (2-port)
- Intel(R) I350 Gigabit Network Connection (4-port)
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

Intel Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.2.8.0 (Recommended)

Important Note!

This software package contains the following firmware versions for the below listed supported network adapters:

NIC	EEPROM/NVM Version	OROM Version	NVM Version
HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	8000CBAA	1.3218.0	8.7
HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	8000CBAB	1.3218.0	8.7
Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter	80001099	1.3218.0	N/A
Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter	80001199	1.3218.0	N/A
Intel(R) I350 Gigabit Network Connection (2-port)	8000119C	1.3218.0	N/A
Intel(R) I350 Gigabit Network Connection (4-port)	8000119D	1.3218.0	N/A

The combo image v1.3218.0 includes: Boot Agent: 1GbE - v1.5.89, Boot Agent I40E - v1.1.42 & UEFI Drivers: 1GbE - v9.8.06, 40 gigabit driver - v4.9.13

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Fixes

This product addresses a compatibility issue with iLO5 2.70/2.71

Enhancements

This product now supports HPE ProLiant MicroServer Gen10 Plus v2

Supported Devices and Features

This package supports the following network adapters:

- Intel(R) I350 Gigabit Network Connection (2-port)
- Intel(R) I350 Gigabit Network Connection (4-port)
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

Mellanox Firmware Package (FWPKG) for Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE

Version: 16.33.1048 (Recommended)

Important Note!

Disclaimer: Certain software including drivers and documents may be available from NVIDIA. If you select a URL that directs you to <http://www.nvidia.com/>, you are then leaving HPE.com. Please follow the instructions on <http://www.nvidia.com/> to download NVIDIA software or documentation. When downloading the NVIDIA software or documentation, you may be subject to NVIDIA terms and conditions, including licensing terms, if any, provided on its website or otherwise. HPE is not responsible for your use of any software or documents that you download from <http://www.nvidia.com/>, except that HPE may provide a limited warranty for NVIDIA software in accordance with the terms and conditions of your purchase of the HPE product or solution.

A list of known issues with this release is available at:

<https://docs.nvidia.com/networking/display/ConnectX5Firmwarev16331048/Known+Issues>

Note : Flashing PLDM enabled Nvidia network adapters (Ethernet and VPI) may fail to update with FWPKG firmware component when systems have more than two adapters of the same type installed.

Prerequisites

FWPKG will work only if the firmware version flashed on the adapter is 16.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

Fixes

The following issues have been fixed in version 16.33.1048 :

- A rare issue that caused the QP not to receive a completion.
- Rare lanes skew issue that caused CPU to timeout in Rec.idle.
- The card occasionally masked some PCIe AER reporting.
- Incorrect flow of credits blockage that prevented booting during DC cycle test.
- An issue with BMC medium migration from SMBUS to PCIe, and increased FIFOs to pass large packets in case of the migration.

Enhancements

Important : Security Hardening Enhancements - This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device firmware to this version to improve the firmware security and reliability of your device.

New features and changes included in version 16.33.1048:

- Added `pci_rescan_needed` field to the MFRL access register to indicate whether a PCI rescan is needed based on the NV configurations issued by the software. Note: If the Keep Link Up NV configuration is changed, phyless reset will be blocked.
- Added a new MAD of class SMP that has the attributes `hierarchy_Info` as defined in the IB Specification and is used to query the hierarchy information stored on the node and the physical port.
- Added a new register (`vhca_icm_ctrl access_reg`) to enable querying and limiting the ICM pages in use.
- Enhanced the XRQ QP error information provided to the user in case QP goes into an error state. In such

case, QUERY_QP will provide information on the syndrome type and which side caused the error.

- Replaced the deprecated NetworkPort schema with Port schema in NIC RDE implementation.
- Updated the ibstat status reported when the phy link is down. Now QUERY_VPORT_STATE.max_tx_speed of UPLINK will not be reported as 0 anymore.
- Disabled the option to send SMPs from unauthorized hosts.
- Enabled the option to modify the ip_ecn field in the packet header in firmware steering.
- Modified the TX or RX cache invalidation behavior. TX or RX cache invalidation now does not occur automatically but only when the software performs the sync operation using the using sync_steering command.
- Modified the maximum bulk size per single allocation from "log_table_size - log_num_unisizes", to allocate any range size, to remove limitations that HWS objects such as counters and modify arguments might encounter.
- Enabled delay drop for hairpin packets. If a hairpin QP is created with delay_drop_en enabled, the feature will be enabled across all GVMIs, based on the delay drop status.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
P10112-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_0000000241

Mellanox Firmware Package (FWPKG) for Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE

Version: 22.33.1048 (Recommended)

Important Note!

Disclaimer: Certain software including drivers and documents may be available from NVIDIA. If you select a URL that directs you to <http://www.nvidia.com/>, you are then leaving HPE.com. Please follow the instructions on <http://www.nvidia.com/> to download NVIDIA software or documentation. When downloading the NVIDIA software or documentation, you may be subject to NVIDIA terms and conditions, including licensing terms, if any, provided on its website or otherwise.

HPE is not responsible for your use of any software or documents that you download from <http://www.nvidia.com/>, except that HPE may provide a limited warranty for NVIDIA software in accordance with the terms and conditions of your purchase of the HPE product or solution. A list of known issues with this release is available at:

<https://docs.nvidia.com/networking/display/ConnectX6DxFirmwarev22331048/Known+Issues>

Note : Flashing PLDM enabled Nvidia network adapters (Ethernet and VPI) may fail to update with FWPKG firmware component when systems have more than two adapters of the same type installed.

Prerequisites

FWPKG will work only if the firmware version flashed on the adapter is 22.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

Fixes

The following issues have been fixed in version 22.33.1048:

- vDPA traffic unbalance issue in active-backup VF LAG mode.
- An issue that occurred after powering off DC in Multi-Host system which resulted in OOB connection to the BMC getting lost (and fatal error appeared) due to a firmware bug in the PCIe flush flow. The issue was fixed by increasing the flush time and not waiting for PCIe credits to return to default values.
- A rare HW/FW timing race of serdes' power-up sequence.
- Rare lanes skew issue that caused CPU to timeout in Rec.idle.
- An issue that resulted in temporary packet drops while changing PTP/FCS configuration when the links were up.
- Optimized the virtio data path to reach line speed for Tx bandwidth.
- An issue that resulted in notification indicator mistakenly being reported as FATAL thus, raising false indication.
- Bad cache invalidations of destroyed QPs.
- A configuration issue which flipped the MSB of Partition Key field in CNP packets and led to P_KEY mismatch between CNP packets and regular packets.
- An issue that resulted in wrong port calibration due to incorrect mapping of the port during initialization stage.

Enhancements

New features and changes included in version 22.33.1048:

- Enabled 200Gb/s out-of-the-box throughput on crypto capable devices. Note: If any crypto offloads is in use, 200Gb/s throughput can be achieved only after the next firmware reset
- Added support for VF migration. The hypervisor can now suspend its VF, meaning from that point the VF cannot perform action such as send/receive traffic or run any command. In this firmware version only the suspend resume mode is supported (on the same VM).
- Added a new MAD of class SMP that has the attributes hierarchy_Info as defined in the IB Specification and is used to query the hierarchy information stored on the node and the physical port.
- Added pci_rescan_needed field to the MFRL access register to indicate whether a PCI rescan is needed based on the NV configurations issued by the software. Note: If the Keep Link Up NV configuration is changed, phyless reset will be blocked.
- Added Precision Time Protocol (PTP) support. In this version, the support includes: 16 PTP SQs only only 2 ports only RT clock mode In this version, the following are not supported: PTP packet drop PTP SQ on VF Note: All PTP SQs must be closed before operating LFWP (life fw patch).
- Added support for HW Steering objects dump via resource dump interface. This support includes: STC, RTC, STE, modify argument, and modify pattern.
- Added support for VF migration.
- Added a new register (vhca_icm_ctrl access_reg) to enable querying and limiting the ICM pages in use.
- Added support for creating a steering definer with a dword selector using create_match_definer_object and the "SELECT" format.
- Enhanced the XRQ QP error information provided to the user in case QP goes into an error state. In such

case, QUERY_QP will provide information on the syndrome type and which side caused the error.

- [Beta] Added HW Steering support for the following: set, add and copy inline STC action set and copy actions for several fields using modify_pattern object and inline stc modify action FDB mode in HW steering using FDB_RX and FDB_TX flow table types ASO flow meter action via STC flow counter query using ASO WQE allocation of large bulks for the objects: STE, ASO flow meter and modify argument jumbo match RTC count action in STC
- Added support for holdover mode to comply to SyncE specifications (EEC compliance) to limit the maximum phase transient response upon link loss.
- Added support for noise filtering to comply to the SyncE specifications requirements.
- Optimized the performance of vDPA virtio including: throughput, QoS, and accuracy of min/max bandwidth when virtio works with the QoS settings.
- The new vDPA virtio-net Full Emulation capability reduces the switchover time of creating a virtq from scratch during live migration, by creating the virtq beforehand on the target server. When switchover happens, the pre-created virtq will be used and modified with necessary parameters.
- Updated the ibstat status reported when the phy link is down. Now QUERY_VPORT_STATE.max_tx_speed of UPLINK will not be reported as 0 anymore.
- Replaced the deprecated NetworkPort schema with Port schema in NIC RDE implementation.
- Enabled the option to modify the ip_ecn field in the packet header in firmware steering.
- Added support for advanced ZTR_RTTCC algorithm based on the Programmable CC platform to achieve better congestion control without dependency on the switch ECN marking.
- DIM is used to tune moderation parameter dynamically for vDPA using an mlxreg command. To disable this capability, run: `mlxreg -d /dev/mst/mt41686_pciconf0 --reg_id 0xc00d --reg_len 0x8 -s "0x4.1:1=0x0"`
- Modified the TX or RX cache invalidation behavior. TX or RX cache invalidation now does not occur automatically but only when the software performs the sync operation using the using sync_steering command.
- Modified the maximum bulk size per single allocation from "log_table_size - log_num_unisizes", to allocate any range size, to remove limitations that HWS objects such as counters and modify arguments might encounter.
- Added support for creating a dynamic flex parser on untrusted function, and changed the flex parser cap for untrusted function to the following: maximum flex parser node = 2 maximum dw sample = 4
- Added support for SNAPI (comm-channel) connection while running on raw ETH link.
- Crypto features can be in either wrapped or unwrapped mode. Meaning, the key can be wrapped or in plaintext when running the CREATE_DEK PRM command. To comply with the requirements specified in FIPS publication, all the created DEKs must be wrapped. This feature adds new NV_CONFIG per device to control this mode, and enables the user to change all the crypto features to wrapped or cleartext.
- [Beta] A new capability that enables the software to directly access ICM and write/modify the DEK objects. Such change improves the DEK object update rate by re-using DEK object instead of creating a new one. In addition, added the following: New for DEK object: bulk allocation, modify_dek cmd, and new mode - sw_wrapped. New general object INT_KEK
- Implemented SLD detection code. Surprise Down Error Reporting Capable value was changed from 1 to 0

in boards where the downstream perst was not controlled thus causing SLD detection not to function properly.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
P25960-B21	Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	MT_0000000437

Mellanox Firmware Package(FWPKG) for HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACHT Adapter

Version: 16.33.1048 (A) (Recommended)

Important Note!

Disclaimer: Certain software including drivers and documents may be available from NVIDIA. If you select a URL that directs you to <https://www.nvidia.com/>, you are then leaving HPE.com. Please follow the instructions on <https://www.nvidia.com/> to download NVIDIA software or documentation. When downloading the NVIDIA software or documentation, you may be subject to NVIDIA terms and conditions, including licensing terms, if any, provided on its website or otherwise. HPE is not responsible for your use of any software or documents that you download from <https://www.nvidia.com/>, except that HPE may provide a limited warranty for NVIDIA software in accordance with the terms and conditions of your purchase of the HPE product or solution. A list of known issues with this release is available at: <https://docs.nvidia.com/networking/display/ConnectX5Firmwarev16331048/Known+Issues>

Note : Flashing PLDM enabled Nvidia network adapters (Ethernet and VPI) may fail to update with FWPKG firmware component when systems have more than two adapters of the same type installed.

Prerequisites

FWPKG will work only if the firmware version flashed on the adapter is 16.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

Fixes

The following changes have been made in sub-version 16.33.1048(A):

- Product rebuilt to have the new SHA 384 signature.

The following issues have been fixed in version 16.33.1048 :

- A rare issue that caused the QP not to receive a completion.
- Rare lanes skew issue that caused CPU to timeout in Rec.idle.
- The card occasionally masked some PCIe AER reporting.
- Incorrect flow of credits blockage that prevented booting during DC cycle test.
- An issue with BMC medium migration from SMBUS to PCIe, and increased FIFOs to pass large packets in case of the migration.

Enhancements

Important : Security Hardening Enhancements - This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device firmware to this version

to improve the firmware security and reliability of your device.

New features and changes included in version 16.33.1048:

- Added pci_rescan_needed field to the MFRL access register to indicate whether a PCI rescan is needed based on the NV configurations issued by the software. Note: If the Keep Link Up NV configuration is changed, phyless reset will be blocked.
- Added a new MAD of class SMP that has the attributes hierarchy_Info as defined in the IB Specification and is used to query the hierarchy information stored on the node and the physical port.
- Added a new register (vhca_icm_ctrl access_reg) to enable querying and limiting the ICM pages in use.
- Enhanced the XRQ QP error information provided to the user in case QP goes into an error state. In such case, QUERY_QP will provide information on the syndrome type and which side caused the error.
- Replaced the deprecated NetworkPort schema with Port schema in NIC RDE implementation.
- Updated the ibstat status reported when the phy link is down. Now QUERY_VPORT_STATE.max_tx_speed of UPLINK will not be reported as 0 anymore.
- Disabled the option to send SMPs from unauthorized hosts.
- Enabled the option to modify the ip_ecn field in the packet header in firmware steering.
- Modified the TX or RX cache invalidation behavior. TX or RX cache invalidation now does not occur automatically but only when the software performs the sync operation using the using sync_steering command.
- Modified the maximum bulk size per single allocation from "log_table_size - log_num_unisizes", to allocate any range size, to remove limitations that HWS objects such as counters and modify arguments might encounter.
- Enabled delay drop for hairpin packets. If a hairpin QP is created with delay_drop_en enabled, the feature will be enabled across all GVMIs, based on the delay drop status.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
P13188-B21	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	MT_0000000416

Online Firmware Upgrade Utility (ESXi 7.0) for HPE Mellanox Ethernet only adapters

Version: 1.0.4 (Recommended)

Important Note!

The Firmware Upgrade Utility has been split into 2 packages for Mellanox Ethernet Only NIC adapters, one supporting Synergy platforms and the other supporting ProLiant and Apollo platforms. This package supports Mellanox Ethernet Only NIC adapters on ProLiant and Apollo servers.

Prerequisites

Use iLO5 firmware version 2.30 or higher with ConnectX4-Lx/ConnectX5 firmware version 14.32.1010/16.32.1010 (or later) respectively. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

Fixes

The following issues have been fixed in version 14.32.1010:

- Firmware got into an unresponsive state and caused unexpected behavior when connecting an optical transceiver that support RxLOS and the remote side port was down.
- The system could not create more than 128K QPs.
- On rare occasions, the system got into an unresponsive state when a peer port went down while using an Optical module.
- Packet Pacing rate was used if asymmetric VFs was enabled.
- Incorrect RNR timeout when trying to set it during the rts2rts_qp transition.
- Issue with RSS on IPSec flows in ConnectX-4 Lx led to performance degradation. In this scenario, the SPI optimization caused packets from a given host to hash to the same CPU core. The fix was to ignore SPI optimization according to l4_type in ConnectX-4 Lx adapter cards.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.

Enhancements

Firmware for the following devices has been updated to 14.32.1010:

- 817749-B21 (HPE Ethernet 25Gb 2-port 640FLR-SFP28 Adapter)
- 817753-B21 (HPE Ethernet 25Gb 2-port 640SFP28 Adapter)

New features and changes included in version 14.32.1010:

- Added 3 new assert filters (Health buffer, NVlog, FW trace). The assert will be exposed now if its severity level is equal to or above the new filter.
- Enabled Rate Limit per VM instead of VM-TC. This capability is implemented by adding support to a new Scheduling element type: rate limit elements that will connect to the rate_limit and will share its rate limit.
- Added support for asymmetrical VFs per PF. To enable it:PF_NUM_OF_VF_VALID must be true, and PF_NUM_OF_VF to a non-zero value.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.
- Added support for the slow_restart and slow_restart_idle parameters to enable Zero Touch RoCE capability.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
817749-B21	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	HP_2690110034
817753-B21	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	HP_2420110034

Online Firmware Upgrade Utility (ESXi 7.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 7.0

Version: 1.0.4 (Recommended)

Fixes

The following issues have been fixed in version 16.33.1048

- Rare lanes skew issue that caused CPU to timeout in Rec.idle.
- The card occasionally masked some PCIe AER reporting.
- Incorrect flow of credits blockage that prevented booting during DC cycle test.
- An issue with BMC medium migration from SMBUS to PCIe, and increased FIFOs to pass large packets in case of the migration.

Enhancements

Firmware for the following devices has been updated to 16.33.1048:

- 872726-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter)

New features and changes included in version 16.33.1048:

- Added pci_rescan_needed field to the MFRL access register to indicate whether a PCI rescan is needed based on the NV configurations issued by the software. Note: If the Keep Link Up NV configuration is changed, phyless reset will be blocked.
- Added a new MAD of class SMP that has the attributes hierarchy_Info as defined in the IB Specification and is used to query the hierarchy information stored on the node and the physical port.
- Added a new register (vhca_icm_ctrl access_reg) to enable querying and limiting the ICM pages in use.
- Enhanced the XRQ QP error information provided to the user in case QP goes into an error state. In such case, QUERY_QP will provide information on the syndrome type and which side caused the error.
- Replaced the deprecated NetworkPort schema with Port schema in NIC RDE implementation.
- Updated the ibstat status reported when the phy link is down. Now QUERY_VPORT_STATE.max_tx_speed of UPLINK will not be reported as 0 anymore.
- Disabled the option to send SMPs from unauthorized hosts.
- Enabled the option to modify the ip_ecn field in the packet header in firmware steering.
- Modified the TX or RX cache invalidation behavior. TX or RX cache invalidation now does not occur automatically but only when the software performs the sync operation using the using sync_steering command.
- Modified the maximum bulk size per single allocation from "log_table_size - log_num_unisizes", to allocate any range size, to remove limitations that HWS objects such as counters and modify arguments might encounter.
- Enabled delay drop for hairpin packets. If a hairpin QP is created with delay_drop_en enabled, the feature will be enabled across all GVMIs, based on the delay drop status.

Supported Devices and Features

HPE Part Number	Device Name	PSID
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE000000009

Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters

Version: 1.0.17 (Recommended)

Important Note!

The Firmware Upgrade Utility has been split into 2 packages for Mellanox Ethernet Only NIC adapters, one supporting Synergy platforms and the other supporting ProLiant and Apollo platforms. This package supports Mellanox Ethernet Only NIC adapters on ProLiant and Apollo servers.

Prerequisites

Use iLO5 firmware version 2.30 or higher with ConnectX4-Lx/ConnectX5 firmware version 14.32.1010/16.32.1010 (or later) respectively. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

Fixes

The following issues have been fixed in version 14.32.1010:

- Firmware got into an unresponsive state and caused unexpected behavior when connecting an optical transceiver that support RxLOS and the remote side port was down.
- The system could not create more than 128K QPs.
- On rare occasions, the system got into an unresponsive state when a peer port went down while using an Optical module.
- Packet Pacing rate was used if asymmetric VFs was enabled.
- Incorrect RNR timeout when trying to set it during the rts2rts_qp transition.
- Issue with RSS on IPSec flows in ConnectX-4 Lx led to performance degradation. In this scenario, the SPI optimization caused packets from a given host to hash to the same CPU core. The fix was to ignore SPI optimization according to l4_type in ConnectX-4 Lx adapter cards.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.

Enhancements

Firmware for the following devices has been updated to 14.32.1010:

- 817749-B21 (HPE Ethernet 25Gb 2-port 640FLR-SFP28 Adapter)
- 817753-B21 (HPE Ethernet 25Gb 2-port 640SFP28 Adapter)

New features and changes included in version 14.32.1010:

- Added 3 new assert filters (Health buffer, NVlog, FW trace). The assert will be exposed now if its severity level is equal to or above the new filter.
- Enabled Rate Limit per VM instead of VM-TC. This capability is implemented by adding support to a new Scheduling element type: rate limit elements that will connect to the rate_limit and will share its rate limit.
- Added support for asymmetrical VFs per PF. To enable it:PF_NUM_OF_VF_VALID must be true, and PF_NUM_OF_VF to a non-zero value.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.
- Added support for the slow_restart and slow_restart_idle parameters to enable Zero Touch RoCE capability.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
817749-B21	HPE Ethernet 25Gb 2-port 640FLR-SFP28 Adapter	HP_2690110034
817753-B21	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	HP_2420110034

Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Linux x86_64 platform

Version: 1.0.13 (Recommended)

Fixes

The following issues have been fixed in version 16.33.1048

- Rare lanes skew issue that caused CPU to timeout in Rec.idle.
- The card occasionally masked some PCIe AER reporting.
- Incorrect flow of credits blockage that prevented booting during DC cycle test.
- An issue with BMC medium migration from SMBUS to PCIe, and increased FIFOs to pass large packets in case of the migration.

Enhancements

Firmware for the following devices has been updated to 16.33.1048:

- 872726-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter)

New features and changes included in version 16.33.1048:

- Added pci_rescan_needed field to the MFRL access register to indicate whether a PCI rescan is needed based on the NV configurations issued by the software. Note: If the Keep Link Up NV configuration is changed, phyless reset will be blocked.
- Added a new MAD of class SMP that has the attributes hierarchy_Info as defined in the IB Specification and is used to query the hierarchy information stored on the node and the physical port.
- Added a new register (vhca_icm_ctrl access_reg) to enable querying and limiting the ICM pages in use.
- Enhanced the XRQ QP error information provided to the user in case QP goes into an error state. In such case, QUERY_QP will provide information on the syndrome type and which side caused the error.
- Replaced the deprecated NetworkPort schema with Port schema in NIC RDE implementation.
- Updated the ibstat status reported when the phy link is down. Now QUERY_VPORT_STATE.max_tx_speed of UPLINK will not be reported as 0 anymore.
- Disabled the option to send SMPs from unauthorized hosts.
- Enabled the option to modify the ip_ecn field in the packet header in firmware steering.
- Modified the TX or RX cache invalidation behavior. TX or RX cache invalidation now does not occur automatically but only when the software performs the sync operation using the using sync_steering command.
- Modified the maximum bulk size per single allocation from "log_table_size - log_num_unisizes", to allocate any range size, to remove limitations that HWS objects such as counters and modify arguments might encounter.

- Enabled delay drop for hairpin packets. If a hairpin QP is created with delay_drop_en enabled, the feature will be enabled across all GVMIs, based on the delay drop status.

Supported Devices and Features

HPE Part Number	Device Name	PSID
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE000000009

Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode)

ConnectX6 devices on Linux x86_64 platform

Version: 1.0.9 (Recommended)

Important Note!

ConnectX-6 VPI supports having one port as InfiniBand and the other port as Ethernet according to the following matrix of combinations.

Port #2 - InfiniBand				
Port #1 - Ethernet	HDR/HDR100	EDR	FDR	QDR
200GbE/50GbE	supported	not supported	not supported	supported
100GbE/25GbE	supported	not supported	not supported	supported
40GbE/10GbE	supported	not supported	not supported	supported
1GbE	supported	not supported	not supported	supported

Port #2 - Ethernet				
Port #1 - InfiniBand	200GbE/50GbE	100GbE/25GbE	40GbE/10GbE	1GbE
HDR / HDR100	supported	supported	not supported	supported
EDR	supported	supported	not supported	supported
FDR	not supported	not supported	not supported	not supported
QDR/SDR	supported	supported	not supported	supported

Prerequisites

Use iLO5 firmware version 2.30 or higher with ConnectX6 firmware version 20.32.1010. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

Fixes

The following issues have been fixed in version 20.33.1048:

- An issue where RDMA write may experience performance degradation when working with Adaptive Routing and DCT half-handshake mode.
- An issue that ignored the default value of TX_SCHEDULER_BURST when its value in the ini was different than "0".
- Implemented SLD detection code. Surprise Down Error Reporting Capable value was changed from 1 to 0 in boards where the downstream perst was not controlled thus causing SLD detection not to function

properly.

- Rare lanes skew issue that caused CPU to timeout in Rec.idle.
- RDMA_WRITE traffic performance degradation that occurred when working with DC on Adaptive Routing network.
- Bad cache invalidations of destroyed QPs.
- A rare case where asserts and ext_synd appeared in dmesg after performing driver restart.
- An issue related to host isolation on multi-host systems.

Enhancements

New features and changes included in version 20.33.1048:

- Added pci_rescan_needed field to the MFRL access register to indicate whether a PCI rescan is needed based on the NV configurations issued by the software. Note: If the Keep Link Up NV configuration is changed, phyless reset will be blocked.
- Added a new MAD of class SMP that has the attributes hierarchy_Info as defined in the IB Specification and is used to query the hierarchy information stored on the node and the physical port.
- Added a new register (vhca_icm_ctrl access_reg) to enable querying and limiting the ICM pages in use.
- Enhanced the XRQ QP error information provided to the user in case QP goes into an error state. In such case, QUERY_QP will provide information on the syndrome type and which side caused the error.
- Updated the ibstat status reported when the phy link is down. Now QUERY_VPORT_STATE.max_tx_speed of UPLINK will not be reported as 0 anymore.
- Replaced the deprecated NetworkPort schema with Port schema in NIC RDE implementation.
- Disabled the option to send SMPs from unauthorized hosts.
- Enabled the option to modify the ip_ecn field in the packet header in firmware steering.
- Modified the TX or RX cache invalidation behavior. TX or RX cache invalidation now does not occur automatically but only when the software performs the sync operation using the using sync_steering command.
- Modified the maximum bulk size per single allocation from "log_table_size - log_num_unisizes", to allocate any range size, to remove limitations that HWS objects such as counters and modify arguments might encounter.
- Crypto features can be in either wrapped or unwrapped mode. Meaning, the key can be wrapped or in plaintext when running the CREATE_DEK PRM command. To comply with the requirements specified in FIPS publication, all the created DEKs must be wrapped. This feature adds new NV_CONFIG per device to control this mode, and enables the user to change all the crypto features to wrapped or cleartext.
- Enabled delay drop for hairpin packets. If a hairpin QP is created with delay_drop_en enabled, the feature will be enabled across all GVMIs, based on the delay drop status.

Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters

Version: 1.0.0.17 (Recommended)

Important Note!

The Firmware Upgrade Utility has been split into 2 packages for Mellanox Ethernet Only NIC adapters, one supporting Synergy platforms and the other supporting ProLiant and Apollo platforms. This package

supports Mellanox Ethernet Only NIC adapters on ProLiant and Apollo servers.

Prerequisites

Use iLO5 firmware version 2.30 or higher with ConnectX4-Lx/ConnectX5 firmware version 14.32.1010/16.32.1010 (or later) respectively. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

Fixes

The following issues have been fixed in version 14.32.1010:

- Firmware got into an unresponsive state and caused unexpected behavior when connecting an optical transceiver that support RxLOS and the remote side port was down.
- The system could not create more than 128K QPs.
- On rare occasions, the system got into an unresponsive state when a peer port went down while using an Optical module.
- Packet Pacing rate was used if asymmetric VFs was enabled.
- Incorrect RNR timeout when trying to set it during the rts2rts_qp transition.
- Issue with RSS on IPSec flows in ConnectX-4 Lx led to performance degradation. In this scenario, the SPI optimization caused packets from a given host to hash to the same CPU core. The fix was to ignore SPI optimization according to l4_type in ConnectX-4 Lx adapter cards.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.

Enhancements

Firmware for the following devices has been updated to 14.32.1010:

- 817749-B21 (HPE Ethernet 25Gb 2-port 640FLR-SFP28 Adapter)
- 817753-B21 (HPE Ethernet 25Gb 2-port 640SFP28 Adapter)

New features and changes included in version 14.32.1010:

- Added 3 new assert filters (Health buffer, NVlog, FW trace). The assert will be exposed now if its severity level is equal to or above the new filter.
- Enabled Rate Limit per VM instead of VM-TC. This capability is implemented by adding support to a new Scheduling element type: rate limit elements that will connect to the rate_limit and will share its rate limit.
- Added support for asymmetrical VFs per PF. To enable it:PF_NUM_OF_VF_VALID must be true, and PF_NUM_OF_VF to a non-zero value.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.
- Added support for the slow_restart and slow_restart_idle parameters to enable Zero Touch RoCE capability.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
817749-B21	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	HP_2690110034

817753-B21	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	HP_2420110034
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Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Windows x86_64 platform

Version: 1.0.0.12 (Recommended)

Fixes

The following issues have been fixed in version 16.33.1048

- Rare lanes skew issue that caused CPU to timeout in Rec.idle.
- The card occasionally masked some PCIe AER reporting.
- Incorrect flow of credits blockage that prevented booting during DC cycle test.
- An issue with BMC medium migration from SMBUS to PCIe, and increased FIFOs to pass large packets in case of the migration.

Enhancements

Firmware for the following devices has been updated to 16.33.1048:

- 872726-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter)

New features and changes included in version 16.33.1048:

- Added pci_rescan_needed field to the MFRL access register to indicate whether a PCI rescan is needed based on the NV configurations issued by the software. Note: If the Keep Link Up NV configuration is changed, phyless reset will be blocked.
- Added a new MAD of class SMP that has the attributes hierarchy_Info as defined in the IB Specification and is used to query the hierarchy information stored on the node and the physical port.
- Added a new register (vhca_icm_ctrl_access_reg) to enable querying and limiting the ICM pages in use.
- Enhanced the XRQ QP error information provided to the user in case QP goes into an error state. In such case, QUERY_QP will provide information on the syndrome type and which side caused the error.
- Replaced the deprecated NetworkPort schema with Port schema in NIC RDE implementation.
- Updated the ibstat status reported when the phy link is down. Now QUERY_VPORT_STATE.max_tx_speed of UPLINK will not be reported as 0 anymore.
- Disabled the option to send SMPs from unauthorized hosts.
- Enabled the option to modify the ip_ecn field in the packet header in firmware steering.
- Modified the TX or RX cache invalidation behavior. TX or RX cache invalidation now does not occur automatically but only when the software performs the sync operation using the using sync_steering command.
- Modified the maximum bulk size per single allocation from "log_table_size - log_num_unisizes", to allocate any range size, to remove limitations that HWS objects such as counters and modify arguments might encounter.
- Enabled delay drop for hairpin packets. If a hairpin QP is created with delay_drop_en enabled, the feature will be enabled across all GVMIs, based on the delay drop status.

Supported Devices and Features

HPE Part	Device Name	PSID
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Number		
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE000000009

Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives

Version: HPK4 (H) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives

Version: HPK4 (H) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives

Version: HPK4 (H) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online NVMe SSD Flash Component for Linux (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives

Version: 4ICSHPK4 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives

Version: GPK5 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives

Version: GPK5 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives

Version: HPK4 (H) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives

Version: HPK3 (H) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

Enhancements

- Added support for RHEL 9.

Online NVMe SSD Flash Component for Linux (x64) - MO001600KWVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives

Version: HPK3 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online NVMe SSD Flash Component for Linux (x64) - MO001600KWZQP and MO003200KWZQQ Drives

Version: HPK6 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Main fixes are for Secure boot(Option ROM) ILO error and critical fix for issue where failure to send MI command completion could result in drive reporting OGB until power cycled.
- For more information, refer to HPE Customer Advisory at the following URL:
https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00123725en_us

Enhancements

- Added support for RHEL 9

Online NVMe SSD Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives

Version: HPK2 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online NVMe SSD Flash Component for Linux (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives

Version: EPK76H3Q (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Contains critical fix for issue where failure to send MI command completion could result in drive reporting 0GB until power cycled.
- For more information, refer to HPE Customer Advisory at the following URL:
https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00123725en_us

Enhancements

- Added support for RHEL 9

Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives

Version: HPK3 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives

Version: 4ICDHPK1 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online NVMe SSD Flash Component for Linux (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives

Version: HPK3 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.
-

Online NVMe SSD Flash Component for Linux (x64) - VO001920KWZQR and VO003840KWZQT Drives

Version: HPK6 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Main fixes are for Secure boot(OPTION ROM) ILO error and critical fix for issue where failure to send MI command completion could result in drive reporting OGB until power cycled.
- For more information, refer to HPE Customer Advisory at the following URL:
https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00123725en_us

Enhancements

- Added support for RHEL 9.
-

Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives

Version: 4ICRHPK3 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.
-

Online NVMe SSD Flash Component for Linux (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives

Version: HPK4 (H) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWAFP and VS000960KWAFN Drives

Version: 85032G00 (C) (Recommended)

Enhancements

- Added support for RHEL 9.

Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives

Version: HPK4 (H) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - MO001600KWZQP and MO003200KWZQQ Drives

Version: HPK6 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Fixes

- Main fixes are for Secure boot(Option ROM) ILO error and critical fix for issue where failure to send MI command completion could result in drive reporting OGB until power cycled.
- For more information, refer to HPE Customer Advisory at the following URL:
https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00123725en_us

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives

Version: HPK4 (F) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives

Version: HPK2 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware ESXi 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives

Version: HPK3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - VO001920KWZQR and VO003840KWZQT Drives

Version: HPK6 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Fixes

- Main fixes are for Secure boot(Option ROM) ILO error and critical fix for issue where failure to send MI command completion could result in drive reporting 0GB until power cycled.
- For more information, refer to HPE Customer Advisory at the following URL:
https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00123725en_us

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives

Version: HPK4 (F) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives

Version: 4ICSHPK4 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives

Version: GPK5 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives

Version: GPK5 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives

Version: HPK4 (F) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives

Version: HPK3 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives

Version: HPK3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives

Version: EPK76H3Q (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Fixes

- Contains critical fix for issue where failure to send MI command completion could result in drive reporting 0GB until power cycled.
- For more information, refer to HPE Customer Advisory at the following URL:
https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00123725en_us

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives

Version: HPK3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives

Version: 4ICDHPK1 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives

Version: 4ICRHPK3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for VMware ESXi - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives

Version: HPK4 (F) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for VMware 7.0 U3

Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives

Version: HPK4 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives

Version: HPK4 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online NVMe SSD Flash Component for Windows (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives

Version: HPK2 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives

Version: HPK4 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online NVMe SSD Flash Component for Windows (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives

Version: 4ICSHPK4 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives

Version: GPK5 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Sever 2022.

Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives

Version: GPK5 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Sever 2022.

Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives

Version: HPK4 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives

Version: HPK3 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online NVMe SSD Flash Component for Windows (x64) - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives

Version: HPK3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online NVMe SSD Flash Component for Windows (x64) - MO001600KWZQP and MO003200KWZQQ Drives

Version: HPK6 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Main fixes are for Secure boot(Option ROM) ILO error and critical fix for issue where failure to send MI command completion could result in drive reporting 0GB until power cycled.
- For more information, refer to HPE Customer Advisory at the following URL:
https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00123725en_us

Enhancements

- Added support for Microsoft Windows Server 2022

Online NVMe SSD Flash Component for Windows (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives

Version: EPK76H3Q (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Contains critical fix for issue where failure to send MI command completion could result in drive reporting 0GB until power cycled.
- For more information, refer to HPE Customer Advisory at the following URL:
https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00123725en_us

Enhancements

- Added support for Microsoft Windows Server 2022

Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives

Version: HPK3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Sever 2022.

Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives

Version: 4ICDHPK1 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022

Online NVMe SSD Flash Component for Windows (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives

Version: HPK3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.
-

Online NVMe SSD Flash Component for Windows (x64) - VO001920KWZQR and VO003840KWZQT Drives

Version: HPK6 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Main fixes are for Secure boot(Option ROM) ILO error and critical fix for issue where failure to send MI command completion could result in drive reporting OGB until power cycled.
- For more information, refer to HPE Customer Advisory at the following URL:
https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00123725en_us

Enhancements

- Added support for Microsoft Windows Server 2022.
-

Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives

Version: 4ICRHPK3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.
-

Online NVMe SSD Flash Component for Windows (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives

Version: HPK4 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online Flash for Windows x64 - Innovation Engine Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors

Version: 0.2.3.0 (B) (Recommended)

Prerequisites

System ROM V1.26 or later

The "iLO 5 Channel Interface Driver" (CHIF) for Windows

Enhancements

Version 0.2.3.0 firmware

Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors

Version: 1.0.8 (B) (Recommended)

Enhancements

Version 1.0.8 firmware

Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors

Version: 1.0.8 (B) (Recommended)

Enhancements

Version 1.0.8 firmware

Online ROM Flash for Windows x64 - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 1.0.0.22 (B) (Recommended)

Prerequisites

System ROM V1.26 or later

The "iLO 5 Channel Interface Driver" (CHIF) for Windows

Enhancements

Version 1.0.0.22 firmware

Online HDD/SSD Flash Component for Linux (x64) - EG000300JWBHR Drive

Version: HPD5 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes

would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EG000300JWFVB Drive

Version: HPD3 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.
-

Online HDD/SSD Flash Component for Linux (x64) - EG000600JWEBH and EG000300JWEBF Drives

Version: HPD5 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.
-

Online HDD/SSD Flash Component for Linux (x64) - EG000600JWFUV and EG001200JWFVA Drives

Version: HPD4 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ and EG001200MXJQU Drives

Version: HPD6 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT and EG002400MXJQT Drives

Version: HPD8 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives

Version: HPD8 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives

Version: HPD2 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB002000JWFVN and MB004000JWFVP Drives

Version: HPD4 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB004000JWFK and MB006000JWFVL Drives

Version: HPD4 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB6000JVYZD and MB4000JVYZC Drives

Version: HPD4 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MM1000JEFRB and MM2000JEFRC Drives

Version: HPDA (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Firmware addresses a hot plug reporting concern

Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives

Version: HPD3 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA and EO001600JWTKB Drives

Version: HPD9 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives

Version: HPD7 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives

Version: HPD5 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EG001800JWFVC Drive

Version: HPD4 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drives

Version: HPD5 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL and EG0900FCSPN Drives

Version: HPD2 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives

Version: HPD5 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives

Version: HPD6 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EG1800JEHMD Drive

Version: HPD6 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EG1800JEMDB Drive

Version: HPD5 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EG1800JFHMH Drive

Version: HPD8 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives

Version: HPD8 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EH000600JWCPF and EH000900JWCPH Drives

Version: HPDA (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives

Version: HPD7 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives

Version: HPD7 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

Enhancements

- Added support for RHEL9.

Online HDD/SSD Flash Component for Linux (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives

Version: HPD5 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives

Version: HPD6 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives

Version: HPD4 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EH0600JDYTN Drive

Version: HPD7 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives

Version: HPD3 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9

Online HDD/SSD Flash Component for Linux (x64) - MB004000JWKGU Drive

Version: HPD2 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB004000JWWQB and MB002000JWWQA Drives

Version: HPD7 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB006000JWKGN Drive

Version: HPD2 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB008000JWJRQ and MB006000JWJRP Drives

Version: HPD9 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB008000JWRD Drive

Version: HPD2 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB008000JWWQP and MB006000JWWQN Drives

Version: HPD7 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB010000JWAYK and MB008000JWAYH Drives

Version: HPD6 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives

Version: HPD2 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB012000JWDFD Drive

Version: HPD3 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives

Version: HPD2 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB014000JWTFD and MB012000JWTFD Drives

Version: HPD8 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB014000JWUDB Drive

Version: HPD3 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB016000JWXKH Drive

Version: HPD9 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB016000JXLBA and MB018000JXLAU Drives

Version: HPD2 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives

Version: HPD3 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB2000JFDSL and MB4000JFDSN Drives

Version: HPD4 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB2000JFEML and MB4000JFEMN Drives

Version: HPD6 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB2000JFEPA and MB4000JFEPB Drives

Version: HPD5 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB4000JEFNC and MB6000JEFND Drives

Version: HPD9 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB4000JEQNL and MB6000JEQNN Drives

Version: HPDB (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB4000JEXYA and MB6000JEXYB Drives

Version: HPD9 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB6000JEQUV and MB8000JEQVA Drives

Version: HPDB (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB6000JVYYV Drive

Version: HPD2 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB8000JFECQ Drive

Version: HPD7 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MM1000JFJTH Drive

Version: HPD5 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Firmware addresses a hot plug reporting concern

**Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JFWFP,
MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWV
Drives**

Version: HPD5 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

**Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBVE, MO001600JXBFP, MO003200JXBFQ,
MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFB,
EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives**

Version: HPD1 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

**Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB,
MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives**

Version: HPD3 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives

Version: HPD9 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives

Version: HPD8 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives

Version: HPD4 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives

Version: HPD8 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives

Version: HPD4 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives

Version: HPD4 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives

Version: HPD6 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives

Version: HPD2 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VO007680JWCNK and VO015300JWCNL Drives

Version: HPD8 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives

Version: HPD9 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VO1920JEUQQ Drive

Version: HPD3 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for VMware ESXi - EG000300JWBHR Drive

Version: HPD5 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EG000300JWFVB Drive

Version: HPD3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EG000600JWEBH and EG000300JWEBF Drives

Version: HPD5 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EG000600JWFUV and EG001200JWFVA Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ and EG001200MXJQU Drives

Version: HPD6 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT and EG002400MXJQT Drives

Version: HPD8 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives

Version: HPD8 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives

Version: HPD7 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives

Version: HPD7 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EH0600JDYTN Drive

Version: HPD7 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives

Version: HPD2 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives

Version: HPD3 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB002000JWFVN and MB004000JWFVP Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB004000JWFVK and MB006000JWFVL Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives

Version: HPD2 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB012000JWDFD Drive

Version: HPD3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEML and MB4000JFEMN Drives

Version: HPD6 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB4000JEQNL and MB6000JEQNN Drives

Version: HPDB (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB6000JEQUV and MB8000JEQVA Drives

Version: HPDB (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB6000JVYZD and MB4000JVYZC Drives

Version: HPD4 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MM1000JEFRB and MM2000JEFRC Drives

Version: HPDA (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Firmware addresses a hot plug reporting concern

Online HDD/SSD Flash Component for VMware ESXi - MM1000JFJTH Drive

Version: HPD5 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Firmware addresses a hot plug reporting concern

Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives

Version: HPD3 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKB Drives

Version: HPD9 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives

Version: HPD2 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives

Version: HPD5 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EG001800JWFVC Drive

Version: HPD4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drives

Version: HPD5 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL and EG0900FCSPN Drives

Version: HPD2 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives

Version: HPD5 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives

Version: HPD6 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EG1800JEHMD Drive

Version: HPD6 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EG1800JEMDB Drive

Version: HPD5 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EG1800JFHMH Drive

Version: HPD8 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives

Version: HPD8 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3.

Online HDD/SSD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives

Version: HPDA (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3.

Online HDD/SSD Flash Component for VMware ESXi - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives

Version: HPD5 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives

Version: HPD6 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives

Version: HPD4 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives

Version: HPD7 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB004000JWKGU Drive

Version: HPD2 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB004000JWWQB and MB002000JWWQA Drives

Version: HPD7 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB006000JWKGN Drive

Version: HPD2 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB008000JWJRQ and MB006000JWJRP Drives

Version: HPD9 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB008000JWRD Drive

Version: HPD2 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB008000JWWQP and MB006000JWWQN Drives

Version: HPD7 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3.

Online HDD/SSD Flash Component for VMware ESXi - MB010000JWAYK and MB008000JWAYH Drives

Version: HPD6 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported

for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB014000JWTFD and MB012000JWTFC Drives

Version: HPD8 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB014000JWUDB Drive

Version: HPD3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB016000JWXKH Drive

Version: HPD9 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3.

Online HDD/SSD Flash Component for VMware ESXi - MB016000JXLBA and MB018000JXLAU Drives

Version: HPD2 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3.

Online HDD/SSD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives

Version: HPD3 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3
-

Online HDD/SSD Flash Component for VMware ESXi - MB2000JFDSL and MB4000JFDSN Drives

Version: HPD4 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3
-

Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEPA and MB4000JFEPB Drives

Version: HPD5 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3
-

Online HDD/SSD Flash Component for VMware ESXi - MB4000JEFNC and MB6000JEFND Drives

Version: HPD9 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB4000JEXYA and MB6000JEXYB Drives

Version: HPD9 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB6000JVYYV Drive

Version: HPD2 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB8000JFECQ Drive

Version: HPD7 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MO000400JWFWN, MO000800JWFWP, MO001600JWFWQ, MO003200JWFWR, MO000960JWFWT, MO001920JFWFU and MO003840JFWV Drives

Version: HPD5 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFB, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFB, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives

Version: HPD1 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives

Version: HPD3 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives

Version: HPD9 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives

Version: HPD8 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives

Version: HPD8 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives

Version: HPD6 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VO007680JWCNK and VO015300JWCNL Drives

Version: HPD8 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives

Version: HPD9 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VO1920JEUQQ Drive

Version: HPD3 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives

Version: HPD2 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for Windows (x64) - EG000300JWBHR Drive

Version: HPD5 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EG000300JWFVB Drive

Version: HPD3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives

Version: HPD5 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- This firmware mitigates a potential reliability concern.
- The firmware applied the new seek recovery mechanism to improve the level-down condition and highly reduce the media errors from occurring.

Online HDD/SSD Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives

Version: HPD5 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EG000600JWFUV and EG001200JWFVA Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ and EG001200MXJQU Drives

Version: HPD6 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

Enhancements

- Added support for Microsoft Windows Sever 2022.

Online HDD/SSD Flash Component for Windows (x64) - EG001800JWFVC Drive

Version: HPD4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drives

Version: HPD5 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- This firmware mitigates a potential reliability concern.
- The firmware applied the new seek recovery mechanism to improve the level-down condition and highly reduce the media errors from occurring.

Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT and EG002400MXJQT Drives

Version: HPD8 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL and EG0900FCSPN Drives

Version: HPD2 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives

Version: HPD5 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives

Version: HPD6 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives

Version: HPD8 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EG1800JEHMD Drive

Version: HPD6 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - EG1800JEMDB Drive

Version: HPD5 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - EG1800JFHMH Drive

Version: HPD8 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives

Version: HPD8 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Firmware addresses a hot plug reporting concern

Enhancements

- Added support for Microsoft Windows Sever 2022.

Online HDD/SSD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives

Version: HPDA (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Sever 2022.

Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH Drives

Version: HPD7 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added supported for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives

Version: HPD7 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives

Version: HPD5 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives

Version: HPD6 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives

Version: HPD4 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EH0600JDYTN Drive

Version: HPD7 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives

Version: HPD7 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives
Version: HPD2 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCCH, MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives
Version: HPD3 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB002000JWFVN and MB004000JWFVP Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB004000JWFVK and MB006000JWFVL Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB004000JWKGU Drive

Version: HPD2 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB004000JWWQB and MB002000JWWQA Drives

Version: HPD7 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB006000JWKGN Drive

Version: HPD2 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB008000JWJRQ and MB006000JWJRP Drives

Version: HPD9 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB008000JWRD Drive

Version: HPD2 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB008000JWWQP and MB006000JWWQN Drives

Version: HPD7 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB010000JWAYK and MB008000JWAYH Drives

Version: HPD6 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives

Version: HPD2 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB012000JWDFD Drive

Version: HPD3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives

Version: HPD2 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB014000JWTFD and MB012000JWTFD Drives

Version: HPD8 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB014000JWUDB Drive

Version: HPD3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB016000JWXKH Drive

Version: HPD9 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB016000JXLBA and MB018000JXLAU Drives

Version: HPD2 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives

Version: HPD3 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB2000JFDSL and MB4000JFDSN Drives

Version: HPD4 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB2000JFEML and MB4000JFEMN Drives

Version: HPD6 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB2000JFEPA and MB4000JFEPB Drives

Version: HPD5 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB4000JEFNC and MB6000JEFND Drives

Version: HPD9 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB4000JEQNL and MB6000JEQNN Drives

Version: HPDB (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB4000JEXYA and MB6000JEXYB Drives

Version: HPD9 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB6000JEQUV and MB8000JEQVA Drives

Version: HPDB (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB6000JVYYV Drive

Version: HPD2 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB6000JVYZD and MB4000JVYZC Drives

Version: HPD4 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB8000JFECQ Drive

Version: HPD7 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MM1000JEFRB and MM2000JEFRC Drives

Version: HPDA (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Firmware addresses a hot plug reporting concern

Online HDD/SSD Flash Component for Windows (x64) - MM1000JFJTH Drive

Version: HPD5 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Firmware addresses a hot plug reporting concern

Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JFWFU and MO003840JFWVW Drives

Version: HPD5 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives

Version: HPD3 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFB, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFB, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives

Version: HPD1 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives

Version: HPD3 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives

Version: HPD9 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives

Version: HPD8 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives

Version: HPD8 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTDN, VO007680JWTDN, MO000400JWTDQ, MO000800JWTDN, MO001600JWTDN, MO003200JWTDN, MO006400JWTDN, EO000400JWTDV, EO000800JWTDN and EO001600JWTDN Drives

Version: HPD9 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives

Version: HPD6 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Reduced the occurrence probability of PMIC busy issue.
- Fixed the system data error at the drive power on issue.
- When the PLP operation starts, the waiting Unmap request to the 4KB not-aligned host write area is canceled to be able to complete PLP correctly.

Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives

Version: HPD2 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VO007680JWCNK and VO015300JWCNL Drives

Version: HPD8 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives

Version: HPD9 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VO1920JEUQQ Drive

Version: HPD3 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPP and EK001600GWEPPH Drives

Version: HPG3 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB001000GWCBC and MB002000GWCBD Drives

Version: HPG6 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB001000GFWFK and MB002000GFWFL Drives

Version: HPG6 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives

Version: HPG1 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB002000GWFGH and MB001000GWFGF Drives

Version: HPG3 (J) (Optional)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB004000GWKGV Drive

Version: HPG1 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives

Version: HPG5 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Fixes an intermittent issue where the incorrect model number can be reported during spin-up.

Online HDD/SSD Flash Component for Linux (x64) - MB006000GWBXQ and MB008000GWBYL Drives

Version: HPG8 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB006000GWJRR and MB008000GWJRT Drives

Version: HPG5 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Enhancements

- Improvement in mixed READ/WRITE performance, which was causing a field issue at an HPE customer

Online HDD/SSD Flash Component for Linux (x64) - MB006000GWKGR Drive

Version: HPG1 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB008000GWRTC Drive

Version: HPG1 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB008000GWWQU and MB006000GWWQT Drives

Version: HPG2 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB010000GWAYN and MB008000GWAYL Drives

Version: HPG5 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB012000GWDFE Drive

Version: HPG3 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB012000GWTFE and MB014000GWTFE Drives

Version: HPG7 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives

Version: HPG2 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB014000GWUDA Drive

Version: HPG2 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB016000GWXKK Drive

Version: HPG3 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives

Version: HPG4 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives

Version: HPG5 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Fixes an intermittent issue where the incorrect model number can be reported during spin-up.

Online HDD/SSD Flash Component for Linux (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives

Version: HPG4 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB2000GFEMH and MB4000GFEMK Drives

Version: HPG6 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB4000GEFNA and MB6000GEFNB Drives

Version: HPG6 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB4000GEQNH and MB6000GEQNK Drives

Version: HPGB (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB6000GEBTP Drive

Version: HPG4 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB6000GEQUT and MB8000GEQUU Drives

Version: HPGB (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB6000GEXXV Drive

Version: HPG2 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB6000GVYYU Drive

Version: HPG2 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MB6000GVYZB and MB4000GVYZA Drives

Version: HPG5 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Fixes an intermittent issue where the incorrect model number can be reported during spin-up.

Online HDD/SSD Flash Component for Linux (x64) - MB8000GFECR Drive

Version: HPG6 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives

Version: HPG3 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives

Version: HPG3 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives

Version: HPG2 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MK003840GWHITE Drive

Version: HPG8 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MK0960GECQK Drive

Version: HPG3 (M) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - MM1000GFJTE Drive

Version: HPG6 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Fixes an intermittent issue where the incorrect model number can be reported during spin-up.

Online HDD/SSD Flash Component for Linux (x64) - MM2000GEFRA Drive

Version: HPG9 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Fixes an intermittent issue where the incorrect model number can be reported during spin-up

Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives

Version: HPGG (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives

Version: HPG1 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFF, VK001920GWCFH and VK003840GWCFK Drives

Version: HPG3 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives

Version: HPGG (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJQP Drives

Version: HPG5 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives

Version: HPG4 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives

Version: HPG6 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives

Version: HPG1 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives

Version: HPG3 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWT HB, VK001920GWT HC and VK003840GWT HD Drives

Version: HPG4 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- HPG4 implements a change in Background Media Scan triggering threshold based on a unique retention characteristic to help address a Predictive Failure.
- For the drives reporting the predictive failure, please update to HPG4 and please power cycle the server or re-seat the drives to clear the predictive failure record after one full Media Scan (10 days). Media Scan in HPG4 will scrub error during these 10 days.
- For the drives that do not report the PF, you can update to HPG4 directly without power cycle the server or drives.
- For more information, refer to HPE Customer Advisory at the following URL:
https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00124896en_us

Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives

Version: HPG2 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives

Version: HPG3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK003840GWSXL Drive

Version: HPG3 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK007680GWSXN Drive

Version: HPG3 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives

Version: HPG1 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives

Version: HPG1 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - VR000150GWEPP and VR000480GWEPR Drives

Version: HPG1 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for Linux (x64) - XP0120GFJSL and XP0240GFJSN Drives

Version: HPS4 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for RHEL 9.

Online HDD/SSD Flash Component for VMware ESXi - EK000200GWEPD, EK000400GWEPE, EK000800GWEPE and EK001600GWEPEH Drives

Version: HPG3 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported

for these configurations.

- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB001000GWCBC and MB002000GWCBD Drives

Version: HPG6 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB001000GFWFK and MB002000GFWFL Drives

Version: HPG6 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives

Version: HPG1 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB002000GWFGH and MB001000GWFGF Drives

Version: HPG3 (I) (Optional)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB004000GWKGV Drive

Version: HPG1 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives

Version: HPG5 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Fixes an intermittent issue where the incorrect model number can be reported during spin-up.

Online HDD/SSD Flash Component for VMware ESXi - MB006000GWBXQ and MB008000GWBXL Drives

Version: HPG8 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB006000GWJRR and MB008000GWJRT Drives

Version: HPG5 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Enhancements

- Improvement in mixed READ/WRITE performance, which was causing a field issue at an HPE customer

Online HDD/SSD Flash Component for VMware ESXi - MB006000GWKGR Drive

Version: HPG1 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB008000GWRTC Drive

Version: HPG1 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB008000GWWQU and MB006000GWWQT Drives

Version: HPG2 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB010000GWAYN and MB008000GWAYL Drives

Version: HPG5 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB012000GWDFE Drive

Version: HPG3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB012000GWTFE and MB014000GWTFE Drives

Version: HPG7 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives

Version: HPG2 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB014000GWUDA Drive

Version: HPG2 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB016000GWXKK Drive

Version: HPG3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives

Version: HPG4 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives

Version: HPG5 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Fixes an intermittent issue where the incorrect model number can be reported during spin-up.

Online HDD/SSD Flash Component for VMware ESXi - MB2000GCWLT, MB3000GCWLU and MB4000GCWLW Drives

Version: HPG4 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB2000GFEMH and MB4000GFEMK Drives

Version: HPG6 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB4000GEFNA and MB6000GEFNB Drives

Version: HPG6 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB4000GEQNH and MB6000GEQNK Drives

Version: HPGB (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB6000GEBTP Drive

Version: HPG4 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB6000GEQUT and MB8000GEQUU Drives

Version: HPGB (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB6000GEXXV Drive

Version: HPG2 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB6000GVYYU Drive

Version: HPG2 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MB6000GVYZB and MB4000GVYZA Drives

Version: HPG5 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Fixes an intermittent issue where the incorrect model number can be reported during spin-up.

Online HDD/SSD Flash Component for VMware ESXi - MB8000GFECR Drive

Version: HPG6 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives

Version: HPG3 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives

Version: HPG3 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives

Version: HPG2 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3.

Online HDD/SSD Flash Component for VMware ESXi - MK003840GWHTe Drive

Version: HPG8 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MK0960GECQK Drive

Version: HPG3 (M) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - MM1000GFJTE Drive

Version: HPG6 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Fixes an intermittent issue where the incorrect model number can be reported during spin-up

Online HDD/SSD Flash Component for VMware ESXi - MM2000GEFRA Drive

Version: HPG9 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Fixes an intermittent issue where the incorrect model number can be reported during spin-up

Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives

Version: HPGG (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives

Version: HPG1 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCF, VK001920GWCFH and VK003840GWCFK Drives.

Version: HPG3 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives

Version: HPGG (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPP Drives

Version: HPG5 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives

Version: HPG4 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives

Version: HPG6 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives

Version: HPG1 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives

Version: HPG3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives

Version: HPG4 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- HPG4 implements a change in Background Media Scan triggering threshold based on a unique retention characteristic to help address a Predictive Failure.
- For the drives reporting the predictive failure, please update to HPG4 and please power cycle the server or re-seat the drives to clear the predictive failure record after one full Media Scan (10 days). Media Scan in HPG4 will scrub error during these 10 days.
- For the drives that do not report the PF, you can update to HPG4 directly without power cycle the server or drives.
- For more information, refer to HPE Customer Advisory at the following URL:
https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00124896en_us

Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives

Version: HPG2 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives

Version: HPG3 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK003840GWSXL Drive

Version: HPG3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK007680GWSXN Drive

Version: HPG3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives

Version: HPG1 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ

Drives

Version: HPG1 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - VR000150GWEPP and VR000480GWEPR Drives

Version: HPG1 (H) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for VMware ESXi - XP0120GFJSL and XP0240GFJSN Drives

Version: HPS4 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for VMware 7.0 U3

Online HDD/SSD Flash Component for Windows (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPEF and EK001600GWEPEH Drives

Version: HPG3 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives

Version: HPG6 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB001000GWFWK and MB002000GWFWL Drives

Version: HPG6 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives

Version: HPG1 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB002000GWFGH and MB001000GWFGF Drives

Version: HPG3 (H) (Optional)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB004000GWKGV Drive

Version: HPG1 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives

Version: HPG5 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Fixes an intermittent issue where the incorrect model number can be reported during spin-up.

Online HDD/SSD Flash Component for Windows (x64) - MB006000GWBXQ and MB008000GWBYL Drives

Version: HPG8 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB006000GWJRR and MB008000GWJRT Drives

Version: HPG5 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Enhancements

- Improvement in mixed READ/WRITE performance, which was causing a field issue at an HPE customer

Online HDD/SSD Flash Component for Windows (x64) - MB006000GWKGR Drive

Version: HPG1 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB008000GWRTC Drive

Version: HPG1 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB008000GWWQU and MB006000GWWQT Drives

Version: HPG2 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB010000GWAYN and MB008000GWAYL Drives

Version: HPG5 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB012000GWDFE Drive

Version: HPG3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB012000GWTFE and MB014000GWTFE Drives

Version: HPG7 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives

Version: HPG2 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB014000GWUDA Drive

Version: HPG2 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB016000GWXKK Drive

Version: HPG3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives

Version: HPG4 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives

Version: HPG5 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Fixes an intermittent issue where the incorrect model number can be reported during spin-up.

Online HDD/SSD Flash Component for Windows (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives

Version: HPG4 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB2000GFEMH and MB4000GFEMK Drives

Version: HPG6 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB4000GEFNA and MB6000GEFNB Drives

Version: HPG6 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB4000GEQNH and MB6000GEQNK Drives

Version: HPGB (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB6000GEBTP Drive

Version: HPG4 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB6000GEQUT and MB8000GEQUU Drives

Version: HPGB (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB6000GEXXV Drive

Version: HPG2 (J) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB6000GVYYU Drive

Version: HPG2 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MB6000GVYZB and MB4000GVYZA Drives

Version: HPG5 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Fixes an intermittent issue where the incorrect model number can be reported during spin-up.

Online HDD/SSD Flash Component for Windows (x64) - MB8000GFECR Drive

Version: HPG6 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives

Version: HPG3 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives

Version: HPG3 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives

Version: HPG2 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

This FW release deploys an Enhanced Media Scan algorithm that addresses an issue when the host system does not provide enough idle time for drive's Foreground Media Scan to be activated, which is needed to ensure long term drive reliability. It also addresses few minor issues.

Online HDD/SSD Flash Component for Windows (x64) - MK003840GWHTe Drive

Version: HPG8 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MK0960GECQK Drive

Version: HPG3 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - MM1000GFJTE Drive

Version: HPG6 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Fixes an intermittent issue where the incorrect model number can be reported during spin-up.

Online HDD/SSD Flash Component for Windows (x64) - MM2000GEFRA Drive

Version: HPG9 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- Fixes an intermittent issue where the incorrect model number can be reported during spin-up

Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives

Version: HPGG (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives

Version: HPG1 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives

Version: HPG3 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives

Version: HPGG (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives

Version: HPG5 (F) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives

Version: HPG4 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives

Version: HPG6 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives

Version: HPG3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives

Version: HPG4 (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- HPG4 implements a change in Background Media Scan triggering threshold based on a unique retention characteristic to help address a Predictive Failure.
- For the drives reporting the predictive failure, please update to HPG4 and please power cycle the server or re-seat the drives to clear the predictive failure record after one full Media Scan (10 days). Media Scan in HPG4 will scrub error during these 10 days.
- For the drives that do not report the PF, you can update to HPG4 directly without power cycle the server

or drives.

- For more information, refer to HPE Customer Advisory at the following URL:
https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00124896en_us

Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives

Version: HPG2 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Support new PCB H/W with new temperature sensor.

Online HDD/SSD Flash Component for Windows (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives

Version: HPG3 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Windows Server 2022.

Online HDD/SSD Flash Component for Windows (x64) - VK003840GWSXL Drive

Version: HPG3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VK007680GWSXN Drive

Version: HPG3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives

Version: HPG1 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives

Version: HPG1 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - VR000150GWEPP and VR000480GWEPR Drives

Version: HPG1 (G) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Online HDD/SSD Flash Component for Windows (x64) - XP0120GFJSL and XP0240GFJSN Drives

Version: HPS4 (I) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or a ProLiant host bus adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Microsoft Server Windows 2022.

Firmware Package - HPE MR216i-a Gen10 Plus Tri Mode Controller

Version: 52.16.3-4455 (B) (Recommended)

Important Note!

This firmware version to be used on HPE MR216i-a Gen10 Plus Controller.

Enhancements

Support UBM6 and rebuild with SHA384

Firmware Package - HPE MR216i-p Gen10 Plus Tri Mode Controller with Gen10 and Gen10 Plus servers

Version: 52.16.3-4455 (B) (Recommended)

Important Note!

This firmware version to be used on HPE MR216i-p Gen10 Plus Controller.

Enhancements

Support UBM6 and rebuild with SHA384

Firmware Package - HPE MR416i-a Gen10 Plus Tri Mode Controller

Version: 52.16.3-4455 (B) (Recommended)

Important Note!

This firmware version to be used on HPE MR416i-a Gen10 Plus Controller.

Enhancements

Support UBM6

Firmware Package - HPE MR416i-p Gen10 Plus Tri Mode Controller with Gen10 and Gen10 Plus servers

Version: 52.16.3-4455 (B) (Recommended)

Important Note!

This firmware version to be used on HPE MR416i-p Gen10 Plus Controller.

Enhancements

Support UBM6 and rebuild with SHA384

Firmware Package - HPE SR932i-p Gen10 Plus /SR416i-a Gen10 Plus Controllers

Version: 03.01.14.062 (Recommended)

Fixes

- Fixed a performance issue with a RAID 5 volume writing sequential IOs that resulted in IOs taking a long time and LUN resets.

- Fixed an issue where UBM3 backplanes fail to flash.
- Fixed a Predictive Failure drive LED blinking issue.
- Fixed an issue where a re-enabled encrypted single drive RAID 0 volume was reported with state Offline after system reboot.
- Fixed long SATA SSD TRIM causing hang.
- Fixed an issue where events are sent continuously if the host does not respond to PlatformEventMessage.
- Fixed an issue where Redfish Volume Create fails when using 4Kn data drives.
- Fixed an issue with issuing back to back SCSI UNMAP commands to NVMe drives.
- Updated Redfish Drive.Identifiers.DurableName to conform to the standard.
- Updated Redfish Volume.Identifiers.DurableName to conform to the standard.
- Updated Redfish to the 2021.4 schema bundle.

Enhancements

- Added UBM6 backplane support.
- Improved single RAID volume performance for multiple streams of sequential IO.
- Added support to send SCSI timestamp to drives to sync host system time (RTC).
- Added a new HII menu that will attempt to re-enable a previously failed volume whose physical drives are back online.
- Added an Unlock Controller option in the HII menu when controller password is set for Controller Based Encryption (CBE).
- Added a new HII menu option to setup and configure Controller Based Encryption (CBE).
- Added support for the following Redfish ACTION requests: - Drive.SecureErase - Drive.Reset - Storage.ResetToDefaults
- Added support for Redfish PATCH requests for the following properties: - Volume.DisplayName - Volume.Links.DedicatedSpareDrives - Volume.IOPerfModeEnabled - Volume.ReadCachePolicy - Volume.WriteCachePolicy - Drive.LocationIndicatorActive - Drive.WriteCacheEnabled - StorageController.ControllerRates.ConsistencyCheckRatePercent - StorageController.ControllerRates.RebuildRatePercent - StorageController.ControllerRates.TransformationRatePercent
- Added the following Redfish alerts: - DriveOffline - DriveMissing - DriveOfflineCleared - VolumeOffline - VolumeOfflineCleared - BatteryMissing - BatteryFailure - BatteryCharging - BatteryOK - ControllerDegraded - ControllerFailure - ControllerPreviousFailure - ControllerPasswordRequired - ControllerPasswordEntered (changing to ControllerPasswordAccepted in the future)
- Added MaxMembers to Redfish VolumeCollection
- Added 'NativeDriveEncryption' (SED) to Redfish Volume.EncryptionTypes.
- Improved the consistency of I/O latency by caching iLO inventory commands

Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10

Version: 5.32 (B) (Recommended)

Fixes

- Fixed an issue where the encrypted data is not accessible for a RAID 50/60 volume when it was failed and healed using “Heal Array” .
- Fixed an issue where pointers in PLDM commands were accessed before initialized.
- Fixed an issue where UBM3 backplanes fail to flash.
- Fixed a Predictive Failure drive LED blinking issue.
- Fixed an issue where a re-enabled encrypted single drive RAID 0 logical drive was reported with state Offline after system reboot.
- Fixed long SATA SSD TRIM causing hang.
- Fixed an issue where the product ID of an enclosure was not showing correctly.
- Fixed an issue where the drive bay number for a failed drive is wrong.
- Fixed an issue where the Real Time Clock (RTC) timestamp was not sent to the SES based storage enclosure SEPs attached to internal connectors of the controller.
- Fixed an issue where events are sent continuously if the host does not respond to PlatformEventMessage.
- Fixed an issue where Redfish Volume Create fails when using 4Kn data drives.
- Update Redfish Drive.Identifiers.DurableName to conform to the standard.
- Update Redfish Volume.Identifiers.DurableName to conform to the standard.
- Updated Redfish to the 2021.4 schema bundle.

Enhancements

- Added UBM6 backplane support.
- Added support for SED Local Key Management.
- Added a new HII menu that will attempt to re-enable a previously failed volume whose physical drives are back.
- Added an Unlock Controller option in the HII menu when controller password is set for Controller Based Encryption (CBE).
- Added new HII menu options to configure Controller Based Encryption (CBE).
- Added new HII options to enable and configure SED Local Key Management.
- Added support for the following Redfish ACTION requests: - Drive.SecureErase - Drive.Reset - Storage.ResetToDefaults
- Added support for Redfish PATCH requests for the following properties: - Volume.DisplayName - Volume.Links.DedicatedSpareDrives - Volume.IOPerfModeEnabled - Volume.ReadCachePolicy - Volume.WriteCachePolicy - Drive.LocationIndicatorActive - Drive.WriteCacheEnabled - StorageController.ControllerRates.ConsistencyCheckRatePercent - StorageController.ControllerRates.RebuildRatePercent - StorageController.ControllerRates.TransformationRatePercent
- Added the following Redfish alerts: - DriveOffline - DriveMissing - DriveOfflineCleared - VolumeOffline - VolumeOfflineCleared - BatteryMissing - BatteryFailure - BatteryCharging - BatteryOK - ControllerDegraded - ControllerFailure - ControllerPreviousFailure - ControllerPasswordRequired - ControllerPasswordEntered (changing to ControllerPasswordAccepted in the future)

- Added MaxMembers to Redfish VolumeCollection
- Added 'Reverting' to Redfish Drive.Operations.OperationName used for SED.
- Added 'NativeDriveEncryption' (SED) to Redfish Volume.EncryptionTypes.
- Added support for Redfish Drive.EncryptionStatus for SED.
- Redfish Drive.Status.State will be set to StandbyOffline in the following conditions:
 - SED is Foreign
 - SED is Locked (only for controller owned SEDs)
 - SED is controller owned and controller is waiting on SED adapter password
- Added support for Redfish Volume.Encrypted for SED.

Online ROM Flash Component for VMware ESXi - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers

Version: 5.14 (B) (Recommended)

Important Note!

- Do NOT downgrade FW to previous version if your current expander is 5.10; please upgrade to 5.12 immediately.

Enhancements

Support SHA384

Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10

Version: 5.32 (B) (Recommended)

Fixes

- Fixed an issue where the encrypted data is not accessible for a RAID 50/60 volume when it was failed and healed using "Heal Array" .
- Fixed an issue where pointers in PLDM commands were accessed before initialized.
- Fixed an issue where UBM3 backplanes fail to flash.
- Fixed a Predictive Failure drive LED blinking issue.
- Fixed an issue where a re-enabled encrypted single drive RAID 0 logical drive was reported with state Offline after system reboot.
- Fixed long SATA SSD TRIM causing hang.
- Fixed an issue where the product ID of an enclosure was not showing correctly.
- Fixed an issue where the drive bay number for a failed drive is wrong.
- Fixed an issue where the Real Time Clock (RTC) timestamp was not sent to the SES based storage enclosure SEPs attached to internal connectors of the controller.
- Fixed an issue where events are sent continuously if the host does not respond to PlatformEventMessage.
- Fixed an issue where Redfish Volume Create fails when using 4Kn data drives.
- Update Redfish Drive.Identifiers.DurableName to conform to the standard.
- Update Redfish Volume.Identifiers.DurableName to conform to the standard.

- Updated Redfish to the 2021.4 schema bundle.

Enhancements

- Added UBM6 backplane support.
- Added support for SED Local Key Management.
- Added a new HII menu that will attempt to re-enable a previously failed volume whose physical drives are back.
- Added an Unlock Controller option in the HII menu when controller password is set for Controller Based Encryption (CBE).
- Added new HII menu options to configure Controller Based Encryption (CBE).
- Added new HII options to enable and configure SED Local Key Management.
- Added support for the following Redfish ACTION requests: - Drive.SecureErase - Drive.Reset - Storage.ResetToDefaults
- Added support for Redfish PATCH requests for the following properties: - Volume.DisplayName - Volume.Links.DedicatedSpareDrives - Volume.IOPerfModeEnabled - Volume.ReadCachePolicy - Volume.WriteCachePolicy - Drive.LocationIndicatorActive - Drive.WriteCacheEnabled - StorageController.ControllerRates.ConsistencyCheckRatePercent - StorageController.ControllerRates.RebuildRatePercent - StorageController.ControllerRates.TransformationRatePercent
- Added the following Redfish alerts: - DriveOffline - DriveMissing - DriveOfflineCleared - VolumeOffline - VolumeOfflineCleared - BatteryMissing - BatteryFailure - BatteryCharging - BatteryOK - ControllerDegraded - ControllerFailure - ControllerPreviousFailure - ControllerPasswordRequired - ControllerPasswordEntered (changing to ControllerPasswordAccepted in the future)
- Added MaxMembers to Redfish VolumeCollection
- Added 'Reverting' to Redfish Drive.Operations.OperationName used for SED.
- Added 'NativeDriveEncryption' (SED) to Redfish Volume.EncryptionTypes.
- Added support for Redfish Drive.EncryptionStatus for SED.
- Redfish Drive.Status.State will be set to StandbyOffline in the following conditions:
 - SED is Foreign
 - SED is Locked (only for controller owned SEDs)
 - SED is controller owned and controller is waiting on SED adapter password
- Added support for Redfish Volume.Encrypted for SED.

Online ROM Flash Component for Windows (x64) - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers

Version: 5.14 (B) (Recommended)

Important Note!

- Do NOT downgrade FW to previous version if your current expander is 5.10; please upgrade to 5.12 immediately.

Enhancements

Support SHA384

Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10

Version: 5.32 (B) (Recommended)

Fixes

- Fixed an issue where the encrypted data is not accessible for a RAID 50/60 volume when it was failed and healed using “Heal Array” .
- Fixed an issue where pointers in PLDM commands were accessed before initialized.
- Fixed an issue where UBM3 backplanes fail to flash.
- Fixed a Predictive Failure drive LED blinking issue.
- Fixed an issue where a re-enabled encrypted single drive RAID 0 logical drive was reported with state Offline after system reboot.
- Fixed long SATA SSD TRIM causing hang.
- Fixed an issue where the product ID of an enclosure was not showing correctly.
- Fixed an issue where the drive bay number for a failed drive is wrong.
- Fixed an issue where the Real Time Clock (RTC) timestamp was not sent to the SES based storage enclosure SEPs attached to internal connectors of the controller.
- Fixed an issue where events are sent continuously if the host does not respond to PlatformEventMessage.
- Fixed an issue where Redfish Volume Create fails when using 4Kn data drives.
- Update Redfish Drive.Identifiers.DurableName to conform to the standard.
- Update Redfish Volume.Identifiers.DurableName to conform to the standard.
- Updated Redfish to the 2021.4 schema bundle.

Enhancements

- Added UBM6 backplane support.
- Added support for SED Local Key Management.
- Added a new HII menu that will attempt to re-enable a previously failed volume whose physical drives are back.
- Added an Unlock Controller option in the HII menu when controller password is set for Controller Based Encryption (CBE).
- Added new HII menu options to configure Controller Based Encryption (CBE).
- Added new HII options to enable and configure SED Local Key Management.
- Added support for the following Redfish ACTION requests: - Drive.SecureErase - Drive.Reset - Storage.ResetToDefaults
- Added support for Redfish PATCH requests for the following properties: - Volume.DisplayName - Volume.Links.DedicatedSpareDrives - Volume.IOPerfModeEnabled - Volume.ReadCachePolicy - Volume.WriteCachePolicy - Drive.LocationIndicatorActive - Drive.WriteCacheEnabled - StorageController.ControllerRates.ConsistencyCheckRatePercent - StorageController.ControllerRates.RebuildRatePercent - StorageController.ControllerRates.TransformationRatePercent
- Added the following Redfish alerts: - DriveOffline - DriveMissing - DriveOfflineCleared - VolumeOffline -

- VolumeOfflineCleared - BatteryMissing - BatteryFailure - BatteryCharging - BatteryOK - ControllerDegraded - ControllerFailure - ControllerPreviousFailure - ControllerPasswordRequired - ControllerPasswordEntered (changing to ControllerPasswordAccepted in the future)
- Added MaxMembers to Redfish VolumeCollection
- Added 'Reverting' to Redfish Drive.Operations.OperationName used for SED.
- Added 'NativeDriveEncryption' (SED) to Redfish Volume.EncryptionTypes.
- Added support for Redfish Drive.EncryptionStatus for SED.
- Redfish Drive.Status.State will be set to StandbyOffline in the following conditions:
 - SED is Foreign
 - SED is Locked (only for controller owned SEDs)
 - SED is controller owned and controller is waiting on SED adapter password
- Added support for Redfish Volume.Encrypted for SED.

Universal Firmware Package for HPE Gen10 Plus Boot Controller NS204i-p, NS204i-d, NS204i-t, NS204i-r

Version: 1.0.14.1063 (C) (Recommended)

Important Note!

This firmware version is to be used on NS204i controllers.

Use iLO to flash HPE_NS204i_Gen10P_PLDM_xxxx.fwpkg above 1.0.14.1055.; continuously HPE offers PLDM Type5 FW flash through .fwpkg file only.

Please find the minimum version required (1.0.14.1055) in below links:

- a. Windows <https://support.hpe.com/hpesc/public/swd/detail?swItemId=MTX-1b2c98e9d2594b9db679e89bbe#tab-history>
- b. Linux <https://support.hpe.com/hpesc/public/swd/detail?swItemId=MTX-207ea7e739f048049a66d61008#tab-history>

Fixes

- Issue fixed for RDE dictionary reflash error during booting up

Enhancements

Update build environment from SHA512 to SHA384

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)

Version: 2022.09.01 (Recommended)

Important Note!

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0

HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The target environment must have the libHBAAPI Package installed prior to the installation of the firmware as the discovery of adapters might not complete without the library. (If not already present, the libHBAAPI Package can be obtained from the operating system installation media.)

Additional requirements:

Environment must be running the syslog daemon for the flash engine to run Environment must have 32-bit netlink library (libnl.so) installed for component to be able to discover Emulex Host Bus Adapters(HBAs)

Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0

Supported Devices and Features

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server

2016/2019/2022 x64

Version: 2022.09.01 (Recommended)

Important Note!

This Firmware package contains following firmware versions:

Adapter	Speed	Universal	Firmware	UEFI	Boot Bios
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		Boot Image			
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0

Supported Devices and Features

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0

Version: 2022.09.01 (Recommended)

Important Note!

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre	16Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0

Channel Host Bus Adapter					
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.21	14.0.499.21	14.0.499.2	14.0.490.0

Supported Devices and Features

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)

Version: 2022.09.01 (Recommended)

Important Note!

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	1.77.12	9.09.00	7.19	3.64

Channel Host Bus Adapter					
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	1.77.12	9.09.00	7.19	3.64

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The target environment must have the libHBAAPI Package installed prior to the installation of the firmware as the discovery of adapters might not complete without the library. (If not already present, the libHBAAPI Package can be obtained from the operating system installation media.)

The HPE supplied enablement kit must be installed prior to this firmware component being identified by SUM for deployment.

- It is advised to provide read-write permissions on /var/tmp folder. Firmware deployment via Service Pack for ProLiant(SPP) might be unsuccessful in some cases , if read-write(rw) permissions are not enable on /tmp or /var/tmp directories.

Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	1.77.12	9.09.00	7.19	3.64

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server

2016/2019/2022 (x86_64)

Version: 2022.09.01 (Recommended)

Important Note!

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	1.77.12	9.09.00	7.19	3.64

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	1.77.12	9.09.00	7.19	3.64

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0

Version: 2022.09.01 (Recommended)

Important Note!

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	1.77.12	9.09.00	7.19	3.64

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	1.77.12	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	1.77.12	9.09.00	7.19	3.64

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

Online Flash Component for Linux - Gen10Plus UBM2 Backplane PIC Firmware

Version: 1.20 (B) (Recommended)

Important Note!

- FW Smart component only supports installation of UBM firmware when attached to HPE SR100i Gen10 Plus controller, HPE SR416i-p/SR932i-p Gen10 Plus controllers and HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P204i-c, P816i-a and P416ie-m SR Gen10

controllers.

- An iLO reset will be required if the user updates the downstream UBM via a smart component when the installed iLO version is greater or equal to 2.71.

Prerequisites

- Upgrades to UBM SC components will work properly when the installed iLO version is less than 2.65.

Enhancements

- Rebuild with SHA384 format
- Support RHEL9.0

Online Flash Component for Linux - Gen10Plus UBM3 Backplane PIC Firmware

Version: 1.24 (B) (Recommended)

Important Note!

- FW Smart component only supports installation of UBM firmware when attached to HPE SR100i Gen10 Plus controller, HPE SR416i-p/SR932i-p Gen10 Plus controllers and HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P204i-c, P816i-a and P416ie-m SR Gen10 controllers.
- An iLO reset will be required if the user updates the downstream UBM via a smart component when the installed iLO version is greater or equal to 2.71.

Prerequisites

- Upgrades to UBM SC components will work properly when the installed iLO version is less than 2.65

Enhancements

- Rebuild with SHA384 format.
- Support RHEL9

Online Flash Component for Linux - Gen10Plus UBM4 Backplane PIC Firmware

Version: 1.24 (B) (Recommended)

Important Note!

- FW Smart component only supports installation of UBM firmware when attached to HPE SR100i Gen10 Plus controller, HPE SR416i-p/SR932i-p Gen10 Plus controllers.
- An iLO reset will be required if the user updates the downstream UBM via a smart component when the installed iLO version is greater or equal to 2.71.

Prerequisites

- Upgrades to UBM SC/FWPKG components will work properly when the installed iLO version is less than 2.65.

Enhancements

- Support RHEL9

- Rebuild SHA384

Online Flash Component for Windows x64 - Gen10Plus UBM2 Backplane PIC Firmware

Version: 1.20 (B) (Recommended)

Important Note!

- FW Smart component only supports installation of UBM firmware when attached to HPE SR100i Gen10 Plus controller, HPE SR416i-p/SR932i-p Gen10 Plus controllers and HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P204i-c, P816i-a and P416ie-m SR Gen10 controllers.
- An iLO reset will be required if the user updates the downstream UBM via a smart component when the installed iLO version is greater or equal to 2.71.

Prerequisites

- Upgrades to UBM SC components will work properly when the installed iLO version is less than 2.65.

Enhancements

- Rebuild with SHA384 format

Online Flash Component for Windows x64 - Gen10Plus UBM3 Backplane PIC Firmware

Version: 1.24 (B) (Recommended)

Important Note!

- FW Smart component only supports installation of UBM firmware when attached to HPE SR100i Gen10 Plus controller, HPE SR416i-p/SR932i-p Gen10 Plus controllers and HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P204i-c, P816i-a and P416ie-m SR Gen10 controllers.
- An iLO reset will be required if the user updates the downstream UBM via a smart component when the installed iLO version is greater or equal to 2.71.

Prerequisites

- Upgrades to UBM SC components will work properly when the installed iLO version is less than 2.65

Enhancements

- Rebuild with SHA384 format

Online Flash Component for Windows x64 - Gen10Plus UBM4 Backplane PIC Firmware

Version: 1.24 (B) (Recommended)

Important Note!

- FW Smart component only supports installation of UBM firmware when attached to HPE SR100i Gen10 Plus controller, HPE SR416i-p/SR932i-p Gen10 Plus controllers.
- An iLO reset will be required if the user updates the downstream UBM via a smart component when the installed iLO version is greater or equal to 2.71.

Prerequisites

- Upgrades to UBM SC components will work properly when the installed iLO version is less than 2.65

Enhancements

Rebuild with SHA384

Online Flash for Linux - Innovation Engine Firmware for servers using Intel Xeon Scalable

3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors

Version: 0.2.3.0 (B) (Recommended)

Prerequisites

System ROM V1.26 or later

The "iLO 5 Channel Interface Driver" (CHIF) for Linux which is integrated into the standard Linux kernel.

Enhancements

Version 0.2.3.0 firmware

Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable

3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors

Version: 04.01.04.804 (Recommended)

Fixes

See the release document in Download Product Binaries page from Product Summary of the firmware product.

Enhancements

Version 04.01.04.804 firmware

Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable

4300/5300/6300/8300 series Processors

Version: 04.04.04.202 (Recommended)

Enhancements

Version 04.04.04.202 firmware

Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable

3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors

Version: 04.01.04.804 (Recommended)

Fixes

See the release document in Download Product Binaries page from Product Summary of the firmware product.

Enhancements

Version 04.01.04.804 firmware

Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 04.04.04.202 (B) (Recommended)

Enhancements

Version 04.04.04.202 firmware

Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 05.01.04.600 (Recommended)

Fixes

See the release document in Download Product Binaries page from Product Summary of the firmware product.

Enhancements

Version 05.01.04.600 firmware

Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 06.00.03.200 (B) (Recommended)

Prerequisites

The "iLO 5 Channel Interface Driver" (CHIF) for Windows which is available from Service Pack for ProLiant (SPP).

Enhancements

Version 06.00.03.200 firmware

Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems

Version: 06.00.03.200 (B) (Recommended)

Enhancements

Version 06.00.03.200 firmware

Online ROM Flash for Linux - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 1.0.0.22 (B) (Recommended)

Prerequisites

System ROM V1.26 or later

The "iLO 5 Channel Interface Driver" (CHIF) for Linux which is integrated into the standard Linux kernel.

Enhancements

Version 1.0.0.22 firmware

Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 05.01.04.600 (Recommended)

Fixes

See the release document in Download Product Binaries page from Product Summary of the firmware product.

Enhancements

Version 05.01.04.600 firmware

Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 06.00.03.200 (B) (Recommended)

Enhancements

Version 06.00.03.200 firmware

Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems

Version: 06.00.03.200 (B) (Recommended)

Enhancements

Version 06.00.03.200 firmware

ROM Flash Firmware Package - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 1.0.0.22 (B) (Recommended)

Prerequisites

System ROM V1.26 or later

iLO 5 v1.20 or later

Enhancements

Version 1.0.0.22 firmware

ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors

Version: 04.01.04.804 (Recommended)

Fixes

See the release document in Download Product Binaries page from Product Summary of the firmware product.

Enhancements

Version 04.01.04.804 firmware

ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 04.04.04.202 (Recommended)

Enhancements

Version 04.04.04.202 firmware

ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 05.01.04.600 (Recommended)

Fixes

See the release document in Download Product Binaries page from Product Summary of the firmware product.

Enhancements

Version 05.01.04.600 firmware

ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 06.00.03.200 (B) (Recommended)

Enhancements

Version 06.00.03.200 firmware

ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems

Version: 06.00.03.200 (B) (Recommended)

Enhancements

Version 06.00.03.200 firmware

HPE Lights-Out Online Configuration Utility for Linux (AMD64/EM64T)

Version: 5.7.0-0 (A) (Optional)

Prerequisites

This utility requires the following minimum firmware revisions:

- Integrated Lights-Out 5 firmware v1.20 or later

The management interface driver and management agents must be installed on the server.

For iLO 5, openssl v1.0.x or later is required in addition to above packages. Customers who manually compile and install openssl or intentionally relocate /usr/bin/openssl, need to set PATH environment variable to direct HPONCFG to the right/intended openssl.

Fixes

- Fixed an issue where HPONCFG package failing to upload to iLO repository when iLO is in CNSA state.

HPE Lights-Out Online Configuration Utility for Windows x64 Editions

Version: 5.5.0.0 (D) (Optional)

Prerequisites

This utility requires the following minimum firmware revisions:

- Integrated Lights-Out 5 firmware v1.30 or later

The management interface driver must be installed on the server.

Microsoft .Net Framework 2.0 or later is required to launch HPONCFG GUI.

Fixes

- Fixed an issue where HPONCFG Windows smart component failing to upload to iLO repository when iLO is in CNSA state.

HPE Agentless Management Bundle Smart Component on ESXi for Gen10 and Gen10 Plus Servers

Version: 2022.09.01 (Recommended)

Enhancements

Agentless Management Service

- Added feature to allow custom trap community name for SMA mode.
- Added support for cpqSasLogDrv MIB OID for the HPE Smart Array P824i-p MR Gen10 Controller.

HPE Fiber Channel and Storage Enablement Bundle Smart Component for ESXi 7.0

Version: 2022.09.01 (Recommended)

Enhancements

- Supports VMware ESXi 7.0 U2 and ESXi 7.0 U3

HPE iLO Driver Bundle Smart Component for ESXi 7.0

Version: 2022.09.01 (Recommended)

Fixes

- Fixed issue where ilo driver is failing to acquire contiguous physical memory below 4GB causing userworld apps like hponcfg to be unable to communicate with iLO.

Enhancements

- Added support for vSphere 8.0

Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0 for Gen9/Gen10/Gen10 Plus Controllers

Version: 2022.10.01 (Recommended)

Fixes

- Fixed an issue where users could not disable two physical drives write cache using a single SSACLI command.

HPE MegaRAID Storage Administrator StorCLI for VMware7.0

Version: 2021.04.00 (B) (Recommended)

Enhancements

- Add SHA384 format

HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions

Version: 1.2.1.67 (B) (Recommended)

Enhancements

Support SHA384

HPE QLogic Fibre Channel driver component for VMware vSphere 7.0

Version: 2022.09.01 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPXXXX.xml file.

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Enhancements

Driver version 5.1.68.0

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0

Version: 2022.09.01 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPXXXX.xml file.

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:
<http://www.hpe.com/storage/spock/>

Enhancements

Updated to Driver version 14.0.543.0

Supported Devices and Features

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters for Red Hat Enterprise Linux 8 Server

Version: 14.0.499.16 (Optional)

Important Note!

The target environment must have the libHBAAPI Package installed prior to the installation of the enablement kit. (If not already present, the libHBAAPI Package can be obtained from the operating system installation media.)

Prerequisites

The target environment must have the libHBAAPI Package installed prior to the installation of the enablement kit. (If not already present, the libHBAAPI Package can be obtained from the operating system installation media.)

Enhancements

Updated to version 14.0.499.16

Supported Devices and Features

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)

Version: 1.0.0.1 (d) (Optional)

Important Note!

The Smart SAN enablement kit will not execute when an operating system has only the inbox fibre channel driver installed.

Obtain Smart SAN User Guide for 3PAR at following link: [HPE Smart SAN for 3PAR 2.0 User Guide](#)

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The HPE supplied fibre channel driver must be installed prior to this enablement kit component if you want to enable Smart SAN functionality. The driver is available on the HPE.com website at www.hpe.com. HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver v14.0.534.0 cp050094.exe
However, if a Smart SAN enabled driver is not installed at execution time, the component will land the enablement kit files for future use after the driver has been installed.

Enhancements

Updated to version 1.0.0.1

Supported Devices and Features

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

HPE Emulex Smart SAN Enablement Kit for Microsoft Windows Server 2016/2019 (x86_64)

Version: 1.0.0.1 (n) (Recommended)

Important Note!

The Smart SAN enablement kit will not execute when an operating system has only the inbox fibre channel driver installed.

Obtain Smart SAN User Guide for 3PAR at following link: [HPE Smart SAN for 3PAR 2.0 User Guide](#)

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The HPE supplied fibre channel driver must be installed prior to this enablement kit component if you want to enable Smart SAN functionality. The latest Emulex FC driver 14.0.534.0 is available on the Service Pack for ProLiant (SPP) which is available at <http://www.hpe.com/servers/spp/download/>

However, if a Smart SAN enabled driver is not installed at execution time, the component will land the enablement kit files for future use after the driver has been installed.

Enhancements

Updated to version 1.0.0.1

Supported Devices and Features

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb 1Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter for Linux

Version: 6.0.0.0-18 (c) (Recommended)

Important Note!

Release Notes: HPE QLogic Adapters Release Notes

The Enablement Kit requires that the target environment have the libHBAAPI package installed from your OS installation media.

The Linux Enablement kit has been changed from "HP-CNA-FC-hpqlgc-Enablement-Kit" to "HPE-CNA-FC-hpeqlgc-Enablement-Kit". Upgrade from the older released Enablement kit is supported. However downgrade to earlier version "HP-CNA-FC-hpqlgc-Enablement-Kit" may not be successful and may report conflicts.

Workaround: Please uninstall the Enablement kit and install the older versions

Example: `rpm -Uvh HPE-CNA-FC-hpeqlgc-Enablement-Kit-<version>.noarch.rpm --force --nodeps`

`rpm -Uvh HPE-CNA-FC-hpeqlgc-Enablement-Kit-<version>.noarch.rpm --replacepkgs --nodeps`

Example: `rpm -Uvh HPE-CNA-FC-hpeqlgc-Enablement-Kit-<version>.noarch.rpm --force --nodeps`

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The Enablement Kit requires that the target environment have the libHBAAPI package installed from your OS installation media.

Enhancements

Updated the kit to version 6.0.0.0-18

Supported Devices and Features

This component is supported on following QLogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)

Version: 1.0.0.1 (l) (Recommended)

Important Note!

The Smart SAN enablement kit will not execute when an operating system has only the inbox fibre channel driver installed. An out of box (OOB) fibre channel driver is needed to utilize Smart SAN functionality. If any OOB driver is installed, the enablement kit will pre-enable/disable Smart SAN functionality for future use. It can then be activated once a Smart SAN enabled OOB driver is installed (see Prerequisite Notes) and after a reboot has occurred.

Obtain Smart SAN User Guide for 3PAR at following link: [HPE Smart SAN for 3PAR 2.0 User Guide](#)

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The HPE supplied fibre channel driver must be installed prior to this enablement kit component if you want to enable Smart SAN functionality. The driver is available on the HPE.com website at www.hpe.com.

- HPE Storage Fibre Channel Adapter Kit for the QLogic Storport Driver for Windows Server 2022 version 9.4.6.20, cp050132.exe.

However, if a Smart SAN enabled driver is not installed at execution time, the component will land the enablement kit files for future use after the driver has been installed.

Enhancements

Updated to version 1.0.0.1

Supported Devices and Features

This component is supported on following QLogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)

Version: 1.0.0.1 (c) (Recommended)

Important Note!

The Smart SAN enablement kit will not execute when an operating system has only the inbox fibre channel driver installed. An out of box (OOB) fibre channel driver is needed to utilize Smart SAN functionality. If any OOB driver is installed, the enablement kit will pre-enable/disable Smart SAN functionality for future use. It can then be activated once a Smart SAN enabled OOB driver is installed (see Prerequisite Notes) and after a reboot has occurred.

Obtain Smart SAN User Guide for 3PAR at following link: [HPE Smart SAN for 3PAR 2.0 User Guide](#)

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The HPE supplied fibre channel driver must be installed prior to this enablement kit component if you want to enable Smart SAN functionality. The driver is available on the HPE.com website at www.hpe.com.

- HPE Storage Fibre Channel Adapter Kit for the QLogic Storport Driver for Windows Server 2016 version 9.4.6.20, cp050130.exe
- HPE Storage Fibre Channel Adapter Kit for the QLogic Storport Driver for Windows Server 2019 version 9.4.6.20, cp050131.exe

However, if a Smart SAN enabled driver is not installed at execution time, the component will land the enablement kit files for future use after the driver has been installed.

Enhancements

Updated to version 1.0.0.1

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 8 Server

Version: 2.7.0 (Optional)

Prerequisites

- amsd only supported on HPE Gen10/Gen10 Plus Servers.
- amsd provides information to the iLO 5 service providing SNMP support.
- Requirements:
 - Minimum iLO 5 Firmware Version = 1.1
 - Minimum supported OS Versions = Red Hat Enterprise Linux 8

Fixes

Fixed the following items:

- Smartpqi driver does not list in AHS log has been resolved

Enhancements

The following enhancements have been implemented:

- Support added for the HPE SN1700Q 64Gb 2-port Fibre Channel Host Bus Adapter
- The frequency for SNMP CPQ-HOST data has been updated from 240s to 15s to support OneView display of information
- Added Microchip as a supported partner to ensure proper identification of Microchip branded controllers

Agentless Management Service for Microsoft Windows x64

Version: 2.51.2.0 (Optional)

Important Note!

About installation and enablement of SMA service:

- During AMS installation in interactive mode, there is pop up message to selectively install SMA.
- If Yes is selected, SMA service will be installed and set to running state.
- If No is selected, SMA service will be installed but the service is not enabled.
- During AMS installation in silent mode, SMA is installed but the service is not enabled.
- To enable SMA service at a later time, go to the following folder: %ProgramFiles%\OEM\AMS\Service\ (Typically c:\Program Files\OEM\AMS\Service) and execute "EnableSma.bat /f"
- IMPORTANT: The SNMP service community name and permission must also be setup. This is not done by "EnableSma.bat" .
- To disable SMA after it has been enabled, go to the following folder: %ProgramFiles%\OEM\AMS\Service\ (Typically c:\Program Files\OEM\AMS\Service) and execute "DisableSma.bat /f"
- After installing Windows operating system, make sure all the latest Microsoft Updates are downloaded and installed (wuapp.exe can be launched to start the update process). If this is not done, a critical error may be reported in Windows Event Log, "The Agentless Management Service terminated unexpectedly."

AMS Control Panel Applet:

- The AMS control panel applet UI is best displayed on the system when screen resolution is 1280 x 1024 pixels or higher and text size 100%.
- Test trap generated from AMS Control Panel Applet requires iLO5 firmware version 2.10 and newer.
- When in iLO5 high security mode (e.g. FIPS mode), MD5 authentication protocol will not be shown.

Prerequisites

The Channel Interface Driver for Windows X64 must be installed prior to this component.

Microsoft SNMP Service must be enabled, if SMA (System Management Assistant) is enabled.

Fixes

- Fixed Windows will shut down caused by bogus temperature.
- Fixed not detecting specific firmware installed in OS.

- Fixed missing SNMP data for drive location with P824i-p MR.
- Fixed Intel Icelake Xeon(Third Gen) driver fails to show in iLo software inventory.
- Fixed not available subsystem will show "Other" in MIB Health Status Array.
- Fixed abnormal SATA drive missing in VROC mode.
- Fixed AMS crash when the system enabled internal SD card slot.

Enhancements

- Added MILLBURY fibre channel host adapter card 1P and 2P support.
- Supported Azure Stack HCI 22h2 type identifies.

HPE MegaRAID Storage Administrator (HPE MRSA) for Windows 64-bit

Version: 7.16.16.0 (D) (Recommended)

Enhancements

- Add SHA384 format

HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit

Version: 7.16.16.0 (C) (Recommended)

Enhancements

- Add SHA384 format

NVMe Drive Eject NMI Fix for Intel Xeon Processor Scalable Family for Microsoft Windows 64-bit

Version: 1.1.0.0 (E) (Optional)

Enhancements

- Added SHA384 signature

Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus Controllers

Version: 6.10.14.0 (Recommended)

Fixes

- Fixed an issue where users could not disable two physical drives write cache using a single SSACLI command.

Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen9/Gen10/Gen10 Plus Controllers

Version: 6.10.14.0 (Recommended)

Fixes

- Fixed an issue where users could not disable two physical drives write cache using a single SSACLI command.

Smart Storage Administrator (SSA) for Linux 64-bit for Gen9/Gen10/Gen10 Plus Controllers

Version: 6.10.14.0 (Recommended)

Prerequisites

The Smart Storage Administrator for Linux requires the System Management Homepage software to be installed on the server. If the System Management Homepage software is not already installed on your server, please download it from HPE.com and install it before installing the Smart Storage Administrator for Linux.

IMPORTANT UPDATE: SSA (GUI) for Linux can now be run without requiring the System Management Homepage. SSA now supports a Local Application Mode for Linux. The System Management Homepage is still supported, but no longer required to run the SSA GUI.

To invoke, enter the following at the command prompt:

ssa -local The command will start SSA in a new Firefox browser window. When the browser window is closed, SSA will

automatically stop. This is only valid for the loopback interface, and not visible to external network connections.

Enhancements

- Added support for Controller Based Encryption (CBE) UEFI/KMS. When encryption is using UEFI KMS remote key management, added reboot confirmation message.
- Added support for Managed SEDs (Self-Encrypting Drives).

Smart Storage Administrator (SSA) for Windows 64-bit for Gen9/Gen10/Gen10 Plus Controllers

Version: 6.10.14.0 (Recommended)

Enhancements

- Added support for Controller Based Encryption (CBE) UEFI/KMS. When encryption is using UEFI KMS remote key management, added reboot confirmation message.
- Added support for Managed SEDs (Self-Encrypting Drives).

Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen9/Gen10/Gen10 Plus Controllers

Version: 6.10.14.0 (Recommended)

Fixes

- Fixed an issue where users could not disable two physical drives write cache using a single SSACLI command.

Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen9/Gen10/Gen10 Plus Controllers

Version: 6.10.14.0 (Recommended)

Important Note!

This stand alone version of the Smart Storage Administrator's Diagnostic feature is available only in CLI form. For the GUI version of Diagnostic reports, please use Smart Storage Administrator (SSA).

Fixes

- Fixed an issue where users could not disable two physical drives write cache using a single SSACL command.