

HA8000V シリーズ

Service Pack for HA8000V (SPH)

Version 2.00 8

Readme

2019年4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 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。
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。

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
一使用許諾契約書」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す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。

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
2018年1月	初版
2018年8月	注意事項追記、誤記訂正
2019年4月	5.6 追記

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

3.1 適用機種

- HA8000V/DL360 Gen10
- HA8000V/DL380 Gen10
- HA8000V/DL580 Gen10
- HA8000V/ML350 Gen10

3.2 適用 OS

- Microsoft(R) Windows Server(R) 2016
- Microsoft(R) Windows Server(R) 2012 R2
- Red Hat(R) Enterprise Linux(R) Server 7.4
- Red Hat(R) Enterprise Linux(R) Server 7.3
- Red Hat(R) Enterprise Linux(R) Server 6.9

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
 - HA8000V/DL580 Gen10
 - HA8000V/ML350 Gen10
- 追加サポートデバイス
 - Ethernet 1Gb 4-port 366FLR
 - Ethernet 1Gb 2-port 361T
 - Ethernet 1Gb 4-port 366T
 - StoreFabric SN1200E 16Gb Single
 - StoreFabric SN1200E 16Gb Dual
 - StoreFabric SN1600E 32Gb Single
 - StoreFabric SN1600E 32Gb Dual

4.2 更新内容

(1) HA8000V DL380 Gen10 (U30) / DL360 Gen10 (U32) BIOS

【重要性*1】 必須

【影響範囲*2】 可用性向上

【変更内容】

- BIOS/プラットフォーム構成 (RBSU) Sub-NUMA クラスタリングオプションが有効になっているときにシステムが最大のパフォーマンス結果を達成しない問題に対処しました。このオプションは、デフォルトで無効になっています。
- オペレーティングシステムが長時間実行された後に、システムが誤ってシステム時刻を間違った時刻に "シフト" してしまう問題に対処しました。この問題は Microsoft Windows で、Windows の日付と時刻の設定ページで時刻を自動的に設定するオプションが有効になっている場合に通常発生します。
- メモリトレーニングの失敗が発生したときにシステムがインテグレートドマネジメントログ (IML) で不正確なエラーメッセージを報告するという問題に対処しました。トレーニングに問題が起こっているユーザーは、DIMM を置き換える前に、このバージョンのシステム ROM にアップデートすることを推奨します。
- バージョン 1.20 のシステム ROM を使用しているとき、iLO Advanced ライセンスがないために Core Boost テクノロジーが無効になっている (531 - Core Boost テクノロジーに必要な iLO ライセンスがない) との誤った起動時メッセージとインテグレートドマネジメントログ (IML) エントリーがシステムで表示されるという問題に対処しました。

この問題はバージョン 1.00 のシステム ROM では発生しません。この IML エントリーは、Intel Xeon Scalable 6143 プロセッサを使用するサーバーでのみ有効です。他のプロセッサモデルが設置されている状態でメッセージおよび IML エントリーが受信された場合、メッセージは誤っており、システムに悪影響を与えることなく無視できます。

(2) Lights-Out Management Language Pack

【重要性*1】軽微

【影響範囲*2】ユーザインタフェース改善

【変更内容】iLO Web インターフェースにおいて、「管理」 - 「Backup & Restore」メニューなどの一部項目が日本語化されました。

*1 重要性の定義

重要性	定義
必須	可能な限り早くインストールすべき
重要	最先の便宜を図ってインストールすべき影響力が高いがポテンシャルが低い問題の修正
注意	最先の便宜を図ってインストールすべき影響力が中または小でポテンシャルが低い問題の修正
軽微	都合のいいときにインストール。マイナーな問題の修正

*2 影響範囲の定義

影響範囲	定義
可用性向上	リソースの可用性改良についての修正
データエラー対策	顧客データエラー解決の修正
機能追加	機能、接続性、リソースに関するシステム/マシンオペレーションの追加(導入)または影響がある修正
セキュリティ改良	セキュリティ問題の改良または解決の修正
保守性向上	ダイアグエラー、不正 FRU 呼び出し、不正エラー(操作への影響は無い)に関する、問題判定/障害切分けとメンテナンスに影響を及ぼす修正
性能改良	スループット時間またはレスポンス時間の改良および解消の修正
ユーザ インタフェース改善	ユーザインタフェース/メッセージ改良の修正

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。(http://www.hitachi.co.jp/products/it/ha8000v/download/index.html)

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]-[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 SUM によるアップデート時の注意事項

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」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：

“Inventory” までの手順を実行後“getneededupdates”を実行し、“Component”セクションが表示されないことを確認してください。

5.3 SUM でのランゲージパックバージョン表示と適用に関する制限事項

SUM 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。

5.4 ドライバアップデート時の注意事項

ネットワークアダプタドライバをアップデートした場合、ドライバアップデート後、設定値が初期化される場合があります。ドライバアップデート前に設定値を控え、アップデート後に再設定してください。

5.5 VMware をご使用にあたっての注意事項

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 のオフライン 展開モードをご使用ください。本 SPH は、VMware 稼働中のオンラインファームウェアアップデートには対応しておりません。

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」(<http://www.hitachi.co.jp/products/it/ha8000v/download/index.html>)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。

5.6 RHEL7.3 または RHEL7.4 環境での 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のファームウェアは、特定バージョン以降、ダウングレードできない制約があります。

下表のファームウェアバージョン(SPH5.00 収録)以降が適用されている環境において、RHEL7.3 または、RHEL7.4 でネットワークアダプタをご使用になる場合、下表のファームウェアバージョンのまま、(a)(b)に示すドライバの組み合わせでご使用になることを推奨します。

(a)RHEL7.3：SPH3.00 収録ドライバ

(b)RHEL7.4 : SPH4.60 収録ドライバ

形名(*1)	製品名	ファームウェアバージョン
TQ-N□□-817745-B21	Ethernet 10Gb 2 ポート 562FLR-T ネットワークアダプター	10.4.4
TQ-N□□-817738-B21	Ethernet 10Gb 2 ポート 562T ネットワークアダプター	
TQ-N□□-727054-B21	Ethernet 10Gb 2 ポート 562FLR-SFP+ ネットワークアダプター	10.4.3
TQ-N□□-727055-B21	Ethernet 10Gb 2 ポート 562SFP+ ネットワークアダプター	

(*1) : □には製品構成などにより異なった英数字が入ります。

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 Manger(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】

- オンボード LAN
- HP Ethernet 1Gb 4-port 331FLR Adapter
- HP Ethernet 1Gb 4-port 331T Adapter
- HP Ethernet 1Gb 2-port 332T Adapter

(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

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

にある 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。SPH を使ってアップデート作業を行うには、SPH 内のデータをローカルドライブにコピーし、SUM を実行してください。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
```

なお、SUM の詳細な操作方法は、<http://www.hitachi.co.jp/ha8000v/>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

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- [Driver – Storage](#)
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- [Software - Lights-Out Management](#)
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- [Software - System Management](#)

6.2.1 BIOS - System ROM

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1	Online ROM Flash Component for Linux - OEM System ROM U30	firmware-system-oem-u30-1.22_2017_09_29-1.1.x86_64.rpm	System BIOS - U30	1.22_09-29-2017	v1.22 (09/29/2017)	更新
2	Online ROM Flash Component for Linux - OEM System ROM U32	firmware-system-oem-u32-1.22_2017_09_29-1.1.x86_64.rpm	System BIOS - U32	1.22_09-29-2017	v1.22 (09/29/2017)	更新
3	Online ROM Flash Component for Linux - OEM System ROM U34	firmware-system-oem-u34-1.22_2017_09_29-1.1.x86_64.rpm	System BIOS - U34	1.22_09-29-2017	v1.22 (09/29/2017)	新規追加
4	Online ROM Flash Component for Linux - OEM System ROM U41	firmware-system-oem-u41-1.22_2017_09_29-1.1.x86_64.rpm	System BIOS - U41	1.22_09-29-2017	v1.22 (09/29/2017)	新規追加
5	Online ROM Flash Component for Windows x64 - OEM System ROM U30	cp033434.exe	System BIOS - U30	1.22_09-29-2017	v1.22 (09/29/2017)	更新
6	Online ROM Flash Component for Windows x64 - OEM System ROM U32	cp033554.exe	System BIOS - U32	1.22_09-29-2017	v1.22 (09/29/2017)	更新
7	Online ROM Flash Component for Windows x64 - OEM System ROM U34	cp033597.exe	System BIOS - U34	1.22_09-29-2017	v1.22 (09/29/2017)	新規追加
8	Online ROM Flash Component for Windows x64 - OEM System ROM U41	cp033453.exe	System BIOS - U41	1.22_09-29-2017	v1.22 (09/29/2017)	新規追加

6.2.2 Driver - Chipset

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
9	Identifiers for Intel Xeon Processor Scalable Family for Windows	cp030694.exe	-	10.1.2.85	10.1.2.85	

6.2.3 Driver - Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
10	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp032617.exe	HP Ethernet 1Gb 2-port 332T Adapter	20.6.0.5	20.6.0.5	
11	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp032617.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	20.6.0.5	20.6.0.5	
12	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp032617.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	20.6.0.5	20.6.0.5	
13	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp032617.exe	HP Ethernet 1Gb 4-port 331T Adapter	20.6.0.5	20.6.0.5	
14	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-tg3-3.137q-1.rhel6u9.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.137q-1	3.137q-1	
15	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-tg3-3.137q-1.rhel6u9.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.137q-1	3.137q-1	
16	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-tg3-3.137q-1.rhel6u9.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.137q-1	3.137q-1	
17	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-tg3-3.137q-1.rhel6u9.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.137q-1	3.137q-1	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
18	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137q-1.rhel7u3.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.137s-1	3.137s-1	
19	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137q-1.rhel7u3.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.137s-1	3.137s-1	
20	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137q-1.rhel7u3.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.137s-1	3.137s-1	
21	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137q-1.rhel7u3.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.137s-1	3.137s-1	
22	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137s-1.rhel7u4.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.137s-1	3.137s-1	更新
23	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137s-1.rhel7u4.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.137s-1	3.137s-1	更新
24	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137s-1.rhel7u4.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.137s-1	3.137s-1	更新
25	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137s-1.rhel7u4.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.137s-1	3.137s-1	更新
26	HPE Intel E1R Driver for Windows Server 2016	cp031179.exe	HP Ethernet 1Gb 2-port 361T Adapter	12.15.184.0 (B)	12.15.184.0 (B)	新規追加
27	HPE Intel E1R Driver for Windows Server 2016	cp031179.exe	HP Ethernet 1Gb 4-port 366FLR Adapter	12.15.184.0 (B)	12.15.184.0 (B)	新規追加
28	HPE Intel E1R Driver for Windows Server 2016	cp031179.exe	HP Ethernet 1Gb 4-port 366T Adapter	12.15.184.0 (B)	12.15.184.0 (B)	新規追加
29	HPE Intel i40e Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40e-2.0.29-3.rhel6u9.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.0.29-3	2.0.29-3	新規追加
30	HPE Intel i40e Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40e-2.0.29-3.rhel6u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.0.29-3	2.0.29-3	新規追加
31	HPE Intel i40e Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40e-2.0.29-3.rhel6u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.0.29-3	2.0.29-3	新規追加
32	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.0.29-3.rhel7u3.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.0.29-3	2.0.29-3	新規追加
33	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.0.29-3.rhel7u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.0.29-3	2.0.29-3	新規追加
34	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.0.29-3.rhel7u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.0.29-3	2.0.29-3	新規追加
35	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.0.29-3.rhel7u4.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.0.29-3	2.0.29-3	新規追加
36	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.0.29-3.rhel7u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.0.29-3	2.0.29-3	新規追加
37	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.0.29-3.rhel7u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.0.29-3	2.0.29-3	新規追加
38	HPE Intel i40ea Driver for	cp031177.exe	HPE Ethernet	1.6.102.0	1.6.102.0	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
	Windows Server 2012 R2		10Gb 2-port 562FLR-SFP+ Adapter			
39	HPE Intel i40ea Driver for Windows Server 2012 R2	cp031177.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.6.102.0	1.6.102.0	
40	HPE Intel i40ea Driver for Windows Server 2016	cp031178.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.6.102.0	1.6.102.0	
41	HPE Intel i40ea Driver for Windows Server 2016	cp031178.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.6.102.0	1.6.102.0	
42	HPE Intel i40eb Driver for Windows Server 2012 R2	cp032195.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.6.104.0 (B)	1.6.104.0 (B)	新規追加
43	HPE Intel i40eb Driver for Windows Server 2016	cp032196.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.6.104.0 (B)	1.6.104.0 (B)	新規追加
44	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40evf-2.0.28-3.rhel6u9.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.0.28-3	2.0.28-3	新規追加
45	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40evf-2.0.28-3.rhel6u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.0.28-3	2.0.28-3	新規追加
46	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40evf-2.0.28-3.rhel6u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.0.28-3	2.0.28-3	新規追加
47	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40evf-2.0.28-3.rhel7u3.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.0.28-3	2.0.28-3	新規追加
48	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40evf-2.0.28-3.rhel7u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.0.28-3	2.0.28-3	新規追加
49	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40evf-2.0.28-3.rhel7u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.0.28-3	2.0.28-3	新規追加
50	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40evf-2.0.28-3.rhel7u4.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.0.28-3	2.0.28-3	新規追加
51	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40evf-2.0.28-3.rhel7u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.0.28-3	2.0.28-3	新規追加
52	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40evf-2.0.28-3.rhel7u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.0.28-3	2.0.28-3	新規追加
53	HPE Intel igb Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-igb-5.3.5.9xxz-3.rhel6u9.x86_64.rpm	HP Ethernet 1Gb 2-port 361T Adapter	5.3.5.9-3	5.3.5.9-3	新規追加
54	HPE Intel igb Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-igb-5.3.5.9xxz-3.rhel6u9.x86_64.rpm	HP Ethernet 1Gb 4-port 366FLR Adapter	5.3.5.9-3	5.3.5.9-3	新規追加
55	HPE Intel igb Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-igb-5.3.5.9xxz-3.rhel6u9.x86_64.rpm	HP Ethernet 1Gb 4-port 366T Adapter	5.3.5.9-3	5.3.5.9-3	新規追加
56	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-5.3.5.9xxz-3.rhel7u3.x86_64.rpm	HP Ethernet 1Gb 2-port 361T Adapter	5.3.5.9-3	5.3.5.9-3	新規追加
57	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-5.3.5.9xxz-3.rhel7u3.x86_64.rpm	HP Ethernet 1Gb 4-port 366FLR Adapter	5.3.5.9-3	5.3.5.9-3	新規追加

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
58	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-5.3.5.9xxz-3.rhel7u3.x86_64.rpm	HP Ethernet 1Gb 4-port 366T Adapter	5.3.5.9-3	5.3.5.9-3	新規追加
59	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-5.3.5.9xxz-3.rhel7u4.x86_64.rpm	HP Ethernet 1Gb 2-port 361T Adapter	5.3.5.9-3	5.3.5.9-3	新規追加
60	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-5.3.5.9xxz-3.rhel7u4.x86_64.rpm	HP Ethernet 1Gb 4-port 366FLR Adapter	5.3.5.9-3	5.3.5.9-3	新規追加
61	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-5.3.5.9xxz-3.rhel7u4.x86_64.rpm	HP Ethernet 1Gb 4-port 366T Adapter	5.3.5.9-3	5.3.5.9-3	新規追加
62	HPE Intel vxn Driver for Windows Server 2012 R2	cp032568.exe	-	1.0.16.1	1.0.16.1	新規追加
63	HPE Intel vxn Driver for Windows Server 2016	cp032569.exe	-	2.0.210.0	2.0.210.0	新規追加
64	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-netxtreme2-7.14.29-1.rhel6u9.x86_64.rpm	HP Ethernet 10Gb 2-port 530SFP+ Adapter	7.14.29-1	7.14.29-1	
65	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-netxtreme2-7.14.29-1.rhel6u9.x86_64.rpm	HP Ethernet 10Gb 2-port 530T Adapter	7.14.29-1	7.14.29-1	
66	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-netxtreme2-7.14.29-1.rhel6u9.x86_64.rpm	HP FlexFabric 10Gb 2-port 533FLR-T Adapter	7.14.29-1	7.14.29-1	
67	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.29-1.rhel7u3.x86_64.rpm	HP Ethernet 10Gb 2-port 530SFP+ Adapter	7.14.29-1	7.14.29-1	
68	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.29-1.rhel7u3.x86_64.rpm	HP Ethernet 10Gb 2-port 530T Adapter	7.14.29-1	7.14.29-1	
69	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.29-1.rhel7u3.x86_64.rpm	HP FlexFabric 10Gb 2-port 533FLR-T Adapter	7.14.29-1	7.14.29-1	
70	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.29-2.rhel7u4.x86_64.rpm	HP Ethernet 10Gb 2-port 530SFP+ Adapter	7.14.29-1	7.14.29-1	
71	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.29-2.rhel7u4.x86_64.rpm	HP Ethernet 10Gb 2-port 530T Adapter	7.14.29-1	7.14.29-1	
72	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.29-2.rhel7u4.x86_64.rpm	HP FlexFabric 10Gb 2-port 533FLR-T Adapter	7.14.29-1	7.14.29-1	
73	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp032608.exe	HP Ethernet 10Gb 2-port 530SFP+ Adapter	7.13.115.0	7.13.115.0	
74	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp032608.exe	HP Ethernet 10Gb 2-port 530T Adapter	7.13.115.0	7.13.115.0	
75	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp032608.exe	HP FlexFabric 10Gb 2-port 533FLR-T Adapter	7.13.115.0	7.13.115.0	

6.2.4 Driver – Storage

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
76	HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2012 R2 and Windows Server 2016	cp032846.exe	-	62.0.32.64	62.0.32.64	

6.2.5 Driver - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
77	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.0.4-101.rhel6u9.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	1.0.4-101 (A)	1.0.4-101 (A)	
78	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.0.4-101.rhel6u9.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	1.0.4-101 (A)	1.0.4-101 (A)	
79	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.0.4-101.rhel6u9.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	1.0.4-101 (A)	1.0.4-101 (A)	
80	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.0.4-101.rhel6u9.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	1.0.4-101 (A)	1.0.4-101 (A)	
81	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.0.4-101.rhel6u9.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	1.0.4-101 (A)	1.0.4-101 (A)	
82	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.0.4-101.rhel6u9.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	1.0.4-101 (A)	1.0.4-101 (A)	
83	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.1.2-120.rhel7u3.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	1.1.2-120	1.1.2-120	
84	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.1.2-120.rhel7u3.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	1.1.2-120	1.1.2-120	
85	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.1.2-120.rhel7u3.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	1.1.2-120	1.1.2-120	
86	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.1.2-120.rhel7u3.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	1.1.2-120	1.1.2-120	
87	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.1.2-120.rhel7u3.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	1.1.2-120	1.1.2-120	
88	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.1.2-120.rhel7u3.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	1.1.2-120	1.1.2-120	
89	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.1.2-120.rhel7u4.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	1.1.2-120	1.1.2-120	
90	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.1.2-120.rhel7u4.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	1.1.2-120	1.1.2-120	
91	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.1.2-120.rhel7u4.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	1.1.2-120	1.1.2-120	
92	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver	kmod-smartpqi-1.1.2-120.rhel7u4.x86_64.rpm	HPE Smart Array E208i-p SR Gen10	1.1.2-120	1.1.2-120	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
	for Red Hat Enterprise Linux 7 (64-bit)		Controller			
93	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.1.2-120.rhel7u4.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	1.1.2-120	1.1.2-120	
94	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.1.2-120.rhel7u4.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	1.1.2-120	1.1.2-120	
95	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2 and Windows Server 2016	cp032849.exe	HPE Smart Array P816i-a SR Gen10 Controller	63.32.0.64 (A)	63.32.0.64 (A)	
96	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2 and Windows Server 2016	cp032849.exe	HPE Smart Array P408i-a SR Gen10 Controller	63.32.0.64 (A)	63.32.0.64 (A)	
97	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2 and Windows Server 2016	cp032849.exe	HPE Smart Array P408i-p SR Gen10 Controller	63.32.0.64 (A)	63.32.0.64 (A)	
98	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2 and Windows Server 2016	cp032849.exe	HPE Smart Array E208e-p SR Gen10 Controller	63.32.0.64 (A)	63.32.0.64 (A)	
99	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2 and Windows Server 2016	cp032849.exe	HPE Smart Array E208i-p SR Gen10 Controller	63.32.0.64 (A)	63.32.0.64 (A)	
100	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2 and Windows Server 2016	cp032849.exe	HPE Smart Array E208i-a SR Gen10 Controller	63.32.0.64 (A)	63.32.0.64 (A)	

6.2.6 Driver - Storage Fibre Channel and Fibre Channel over Ethernet

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
101	HPE Storage Fibre Channel Adapter Kit for the QLogic Storport Driver for Windows Server 2012 and 2012 R2	cp032437.exe	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.2.5.20	9.2.5.20	
102	HPE Storage Fibre Channel Adapter Kit for the QLogic Storport Driver for Windows Server 2012 and 2012 R2	cp032437.exe	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.2.5.20	9.2.5.20	
103	HPE Storage Fibre Channel Adapter Kit for the QLogic Storport Driver for Windows Server 2012 and 2012 R2	cp032437.exe	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.2.5.20	9.2.5.20	
104	HPE Storage Fibre Channel Adapter Kit for the QLogic Storport Driver for Windows Server 2012 and 2012 R2	cp032437.exe	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.2.5.20	9.2.5.20	
105	HPE Storage Fibre Channel Adapter Kit for the QLogic Storport Driver for Windows Server 2016	cp032438.exe	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.2.5.20	9.2.5.20	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
106	HPE Storage Fibre Channel Adapter Kit for the QLogic Storport Driver for Windows Server 2016	cp032438.exe	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.2.5.20	9.2.5.20	
107	HPE Storage Fibre Channel Adapter Kit for the QLogic Storport Driver for Windows Server 2016	cp032438.exe	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.2.5.20	9.2.5.20	
108	HPE Storage Fibre Channel Adapter Kit for the QLogic Storport Driver for Windows Server 2016	cp032438.exe	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.2.5.20	9.2.5.20	
109	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver	cp032472.exe	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	11.2.139.0 (b)	11.2.139.0 (b)	新規追加
110	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver	cp032472.exe	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	11.2.139.0 (b)	11.2.139.0 (b)	新規追加
111	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver	cp032472.exe	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	11.2.139.0 (b)	11.2.139.0 (b)	新規追加
112	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver	cp032472.exe	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	11.2.139.0 (b)	11.2.139.0 (b)	新規追加
113	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Emulex HBAs and mezzanine HBAs	kmod-elx-lpfc-11.2.307.13-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	11.2.307.13	11.2.307.13	新規追加
114	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Emulex HBAs and mezzanine HBAs	kmod-elx-lpfc-11.2.307.13-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	11.2.307.13	11.2.307.13	新規追加
115	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Emulex HBAs and mezzanine HBAs	kmod-elx-lpfc-11.2.307.13-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	11.2.307.13	11.2.307.13	新規追加
116	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Emulex HBAs and mezzanine HBAs	kmod-elx-lpfc-11.2.307.13-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	11.2.307.13	11.2.307.13	新規追加
117	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Qlogic HBAs and mezzanine HBAs	kmod-qlgc-qla2xxx-8.07.00.50.06.0_k4-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	8.07.00.50.06.0-k4	8.07.00.50.06.0-k4	
118	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Qlogic HBAs and mezzanine HBAs	kmod-qlgc-qla2xxx-8.07.00.50.06.0_k4-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	8.07.00.50.06.0-k4	8.07.00.50.06.0-k4	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
			Adapter			
119	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Qlogic HBAs and mezzanine HBAs	kmod-qlgc-qla2xxx-8.07.00.50.06.0_k4-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	8.07.00.50.06.0-k4	8.07.00.50.06.0-k4	
120	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Qlogic HBAs and mezzanine HBAs	kmod-qlgc-qla2xxx-8.07.00.50.06.0_k4-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	8.07.00.50.06.0-k4	8.07.00.50.06.0-k4	
121	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE Emulex HBAs and mezzanine HBAs	kmod-elx-lpfc-11.2.307.13-1.rhel7u3.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	11.2.307.13	11.2.307.13	新規追加
122	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE Emulex HBAs and mezzanine HBAs	kmod-elx-lpfc-11.2.307.13-1.rhel7u3.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	11.2.307.13	11.2.307.13	新規追加
123	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE Emulex HBAs and mezzanine HBAs	kmod-elx-lpfc-11.2.307.13-1.rhel7u3.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	11.2.307.13	11.2.307.13	新規追加
124	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE Emulex HBAs and mezzanine HBAs	kmod-elx-lpfc-11.2.307.13-1.rhel7u3.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	11.2.307.13	11.2.307.13	新規追加
125	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE Emulex HBAs and mezzanine HBAs	kmod-elx-lpfc-11.2.307.13-1.rhel7u4.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	11.2.307.13	11.2.307.13	新規追加
126	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE Emulex HBAs and mezzanine HBAs	kmod-elx-lpfc-11.2.307.13-1.rhel7u4.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	11.2.307.13	11.2.307.13	新規追加
127	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE Emulex HBAs and mezzanine HBAs	kmod-elx-lpfc-11.2.307.13-1.rhel7u4.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	11.2.307.13	11.2.307.13	新規追加
128	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE Emulex HBAs and mezzanine HBAs	kmod-elx-lpfc-11.2.307.13-1.rhel7u4.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	11.2.307.13	11.2.307.13	新規追加
129	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic HBAs and mezzanine HBAs	kmod-qlgc-qla2xxx-8.07.00.50.07.0_k4-1.rhel7u3.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	8.07.00.50.07.0-k4	8.07.00.50.07.0-k4	
130	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic HBAs and mezzanine HBAs	kmod-qlgc-qla2xxx-8.07.00.50.07.0_k4-1.rhel7u3.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	8.07.00.50.07.0-k4	8.07.00.50.07.0-k4	
131	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic HBAs and mezzanine	kmod-qlgc-qla2xxx-8.07.00.50.07.0_k4-1.rhel7u3.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre	8.07.00.50.07.0-k4	8.07.00.50.07.0-k4	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
	HBA's		Channel Host Bus Adapter			
132	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic HBAs and mezzanine HBAs	kmod-qlgc-qla2xxx-8.07.00.50.07.0_k4-1.rhel7u3.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	8.07.00.50.07.0-k4	8.07.00.50.07.0-k4	
133	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic HBAs and mezzanine HBAs	kmod-qlgc-qla2xxx-8.07.00.50.07.0_k4-1.rhel7u4.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	8.07.00.50.07.0-k4	8.07.00.50.07.0-k4	
134	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic HBAs and mezzanine HBAs	kmod-qlgc-qla2xxx-8.07.00.50.07.0_k4-1.rhel7u4.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	8.07.00.50.07.0-k4	8.07.00.50.07.0-k4	
135	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic HBAs and mezzanine HBAs	kmod-qlgc-qla2xxx-8.07.00.50.07.0_k4-1.rhel7u4.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	8.07.00.50.07.0-k4	8.07.00.50.07.0-k4	
136	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic HBAs and mezzanine HBAs	kmod-qlgc-qla2xxx-8.07.00.50.07.0_k4-1.rhel7u4.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	8.07.00.50.07.0-k4	8.07.00.50.07.0-k4	

6.2.7 Driver - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
137	iLO 5 Channel Interface Driver for Windows Server 2012 R2	cp030976.exe	-	4.0.0.0	4.0.0.0	
138	iLO 5 Channel Interface Driver for Windows Server 2012 R2	cp030976.exe	-	4.0.0.0	4.0.0.0	
139	iLO 5 Channel Interface Driver for Windows Server 2016	cp030977.exe	-	4.0.0.0	4.0.0.0	
140	iLO 5 Channel Interface Driver for Windows Server 2016	cp030977.exe	-	4.0.0.0	4.0.0.0	

6.2.8 Driver - Video

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
141	Matrox G200eH3 Video Controller Driver for Windows Server 2012 R2	cp032304.exe	-	9.15.1.184	9.15.1.184	
142	Matrox G200eH3 Video Controller Driver for Windows Server 2016	cp032305.exe	-	9.15.1.184	9.15.1.184	

6.2.9 Firmware - Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
143	Language Pack - Japanese	firmware-ilo5-lpk-ja-1.15-1.1.x86_64.rpm	Integrated Lights-Out 5 Language Pack	1.15	1.15	更新
144	Online Flash Component for Windows x64 - HPE Integrated Lights-Out 5 Japanese Language Pack	cp032918.exe	Integrated Lights-Out 5 Language Pack	1.15	1.15	更新

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
145	Online ROM Flash Component for Linux - HPE Integrated Lights-Out 5	firmware-ilo5-1.15-1.1.x86_64.rpm	Integrated Lights-Out 5 Firmware	1.15	1.15	更新
146	Online ROM Flash Component for Windows x64 - HPE Integrated Lights-Out 5	cp032360.exe	Integrated Lights-Out 5 Firmware	1.15	1.15	更新

6.2.10 Firmware – Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
147	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.19.6-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	2.19.6	20.6.61	
148	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.19.6-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	2.19.6	20.6.61	
149	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.19.6-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	2.19.6	20.6.61	
150	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.19.6-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	2.19.6	20.6.61	
151	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp032626.exe	HP Ethernet 1Gb 2-port 332T Adapter	5.1.1.0	20.6.61	
152	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp032626.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	5.1.1.0	20.6.61	
153	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp032626.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	5.1.1.0	20.6.61	
154	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp032626.exe	HP Ethernet 1Gb 4-port 331T Adapter	5.1.1.0	20.6.61	
155	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.13.12-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	1.13.12	1.1752.0	新規追加
156	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.13.12-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 361T Adapter	1.13.12	1.1752.0	新規追加
157	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.13.12-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 366FLR Adapter	1.13.12	1.1752.0	新規追加
158	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.13.12-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 366T Adapter	1.13.12	1.1752.0	新規追加
159	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.13.12-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.13.12	1.1752.0	新規追加
160	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.13.12-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.13.12	1.1752.0	新規追加
161	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp032236.exe	HPE Ethernet 1Gb 4-port 369i Adapter	5.1.1.0	1.1752.0	新規追加
162	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp032236.exe	HP Ethernet 1Gb 2-port 361T Adapter	5.1.1.0	1.1752.0	新規追加
163	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp032236.exe	HP Ethernet 1Gb 4-port 366FLR Adapter	5.1.1.0	1.1752.0	新規追加

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
164	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp032236.exe	HP Ethernet 1Gb 4-port 366T Adapter	5.1.1.0	1.1752.0	新規追加
165	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp032236.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	5.1.1.0	1.1752.0	新規追加
166	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp032236.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	5.1.1.0	1.1752.0	新規追加
167	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.20.4-1.1.x86_64.rpm	HP Ethernet 10Gb 2-port 530SFP+ Adapter	2.20.4	7.15.64	
168	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.20.4-1.1.x86_64.rpm	HP Ethernet 10Gb 2-port 530T Adapter	2.20.4	7.15.64	
169	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.20.4-1.1.x86_64.rpm	HP FlexFabric 10Gb 2-port 533FLR-T Adapter	2.20.4	7.15.64	
170	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp032570.exe	HP Ethernet 10Gb 2-port 530SFP+ Adapter	5.1.1.0	7.15.64	
171	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp032570.exe	HP Ethernet 10Gb 2-port 530T Adapter	5.1.1.0	7.15.64	
172	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp032570.exe	HP FlexFabric 10Gb 2-port 533FLR-T Adapter	5.1.1.0	7.15.64	

6.2.11 Firmware - Power Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
173	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-1.0.4-1.1.x86_64.rpm	Advanced Power Capping Microcontroller Firmware	1.0.4	1.0.4	
174	Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	cp033359.exe	Advanced Power Capping Microcontroller Firmware	1.0.4	1.0.4	

6.2.12 Firmware - SAS Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
175	Online ROM Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives	cp032365.exe	EG000600JWEBH	HPD3	HPD3	
176	Online ROM Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives	cp032365.exe	EG000300JWEBF	HPD3	HPD3	
177	Online ROM Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV,	cp032288.exe	EG1200JEMDA	HPD6	HPD6	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
	EG0900JFCKB, and EG1200JEMDA Drives					
178	Online ROM Flash Component for Windows (x64) - EG1800JEMDB Drives	cp032293.exe	EG1800JEMDB	HPD3	HPD3	
179	Online ROM Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	cp032358.exe	EH000300JWCPK	HPD3	HPD3	
180	Online ROM Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	cp032358.exe	EH000600JWCPL	HPD3	HPD3	
181	Online ROM Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	cp032358.exe	EH000900JWCPN	HPD3	HPD3	
182	Online ROM Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP, and MB4000JVYZQ Drives	cp032349.exe	MB1000JVYZL	HPD2	HPD2	
183	Online ROM Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP, and MB4000JVYZQ Drives	cp032349.exe	MB2000JVYZN	HPD2	HPD2	
184	Online ROM Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP, and MB4000JVYZQ Drives	cp032349.exe	MB4000JVYZQ	HPD2	HPD2	
185	Online ROM Flash Component for Windows (x64) - MB6000JVYYV Drives	cp032352.exe	MB6000JVYYV	HPD2	HPD2	
186	Online ROM Flash Component for Windows (x64) - MB8000JFECQ Drives	cp031789.exe	MB8000JFECQ	HPD4	HPD4	
187	Online ROM Flash Component for Windows (x64) - MM1000JEFRC and MM2000JEFRC Drives	cp032291.exe	MM2000JEFRC	HPD7	HPD7	
188	Online ROM Flash Component for Windows (x64) - MM1000JFJTH Drives	cp032340.exe	MM1000JFJTH	HPD2	HPD2	
189	Supplemental Update / Online ROM Flash Component for Linux (x64) - EG000600JWEBH and EG000300JWEBF Drives	firmware-hdd-aa9e289524-HPD3-1.1.x86_64.rpm	EG000600JWEBH	HPD3	HPD3	
190	Supplemental Update / Online ROM Flash Component for Linux (x64) - EG000600JWEBH and EG000300JWEBF Drives	firmware-hdd-aa9e289524-HPD3-1.1.x86_64.rpm	EG000300JWEBF	HPD3	HPD3	
191	Supplemental Update / Online ROM Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	firmware-hdd-ac3fda26eb-HPD6-2.1.x86_64.rpm	EG1200JEMDA	HPD6 (B)	HPD6	
192	Supplemental Update / Online ROM Flash Component for Linux (x64) - EG1800JEMDB	firmware-hdd-0a38b25661-HPD3-1.1.x86_64.rpm	EG1800JEMDB	HPD3	HPD3	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
	Drives					
193	Supplemental Update / Online ROM Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD3-1.1.x86_64.rpm	EH000900JWCPN	HPD3	HPD3	
194	Supplemental Update / Online ROM Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD3-1.1.x86_64.rpm	EH000600JWCPL	HPD3	HPD3	
195	Supplemental Update / Online ROM Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD3-1.1.x86_64.rpm	EH000300JWCPK	HPD3	HPD3	
196	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP, and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD2-1.1.x86_64.rpm	MB1000JVYZL	HPD2	HPD2	
197	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP, and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD2-1.1.x86_64.rpm	MB2000JVYZN	HPD2	HPD2	
198	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP, and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD2-1.1.x86_64.rpm	MB4000JVYZQ	HPD2	HPD2	
199	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB6000JVYYV Drives	firmware-hdd-0595c2a887-HPD2-1.1.x86_64.rpm	MB6000JVYYV	HPD2	HPD2	
200	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB8000JFECQ Drives	firmware-hdd-252770cdda-HPD4-2.1.x86_64.rpm	MB8000JFECQ	HPD4 (B)	HPD4	
201	Supplemental Update / Online ROM Flash Component for Linux (x64) - MM1000JEFRB and MM2000JEFRC Drives	firmware-hdd-b04257b77b-HPD7-1.1.x86_64.rpm	MM2000JEFRC	HPD7	HPD7	
202	Supplemental Update / Online ROM Flash Component for Linux (x64) - MM1000JFJTH Drives	firmware-hdd-fa46c607d6-HPD2-1.1.x86_64.rpm	MM1000JFJTH	HPD2	HPD2	

6.2.13 Firmware - SATA Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
203	Online ROM Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives	cp033049.exe	MB001000GWCBC	HPG4 (B)	HPG4	
204	Online ROM Flash Component for Windows (x64) - MB001000GFWFK and MB002000GFWFL Drives	cp033051.exe	MB002000GFWFL	HPG4 (B)	HPG4	
205	Online ROM Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and	cp033037.exe	MB4000GVYZK	HPG4 (B)	HPG4	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
	MB4000GVYZK Drives					
206	Online ROM Flash Component for Windows (x64) - MB8000GFECR Drives	cp032307.exe	MB8000GFECR	HPG4	HPG4	
207	Online ROM Flash Component for Windows (x64) - MM1000GEFQV and MM2000GEFRA Drives	cp031319.exe	MM2000GEFRA	HPG5	HPG5	
208	Online ROM Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB, and VR001920GWFMC Drives	cp032695.exe	MR000240GWFLU	HPG4	HPG4	
209	Online ROM Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB, and VR001920GWFMC Drives	cp032695.exe	MR000480GWFLV	HPG4	HPG4	
210	Online ROM Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB, and VR001920GWFMC Drives	cp032695.exe	MR000960GWFMA	HPG4	HPG4	
211	Online ROM Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB, and VR001920GWFMC Drives	cp032695.exe	VR000960GWFME	HPG4	HPG4	
212	Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives	cp032692.exe	VK000240GWEZB	HPG4	HPG4	
213	Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives	cp032692.exe	VK000480GWEZC	HPG4	HPG4	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
214	Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives	cp032692.exe	VK000960GWEZD	HPG4	HPG4	
215	Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives	cp032692.exe	MK000240GWEZF	HPG4	HPG4	
216	Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives	cp032692.exe	MK000480GWEZH	HPG4	HPG4	
217	Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives	cp032692.exe	MK000960GWEZK	HPG4	HPG4	
218	Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives	cp032692.exe	MK001920GWHRU	HPG4	HPG4	
219	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB001000GWCB and MB002000GWCB Drives	firmware-hdd-68b12e54d2-HPG4-2.1.x86_64.rpm	MB001000GWCB C	HPG4 (B)	HPG4	
220	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB001000GWFVK and MB002000GWFV Drives	firmware-hdd-bfc4af697b-HPG4-2.1.x86_64.rpm	MB002000GWFV L	HPG4 (B)	HPG4	
221	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG4-2.1.x86_64.rpm	MB4000GVYZK	HPG4 (B)	HPG4	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
222	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB8000GFECR Drives	firmware-hdd-6d922fc9a8-HPG4-2.1.x86_64.rpm	MB8000GFECR	HPG4 (B)	HPG4	
223	Supplemental Update / Online ROM Flash Component for Linux (x64) - MM1000GEFQV and MM2000GEFRA Drives	firmware-hdd-ec908c3650-HPG5-1.1.x86_64.rpm	MM2000GEFRA	HPG5	HPG5	
224	Supplemental Update / Online ROM Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB, and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPG4-1.1.x86_64.rpm	MR000240GWFLU	HPG4	HPG4	
225	Supplemental Update / Online ROM Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB, and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPG4-1.1.x86_64.rpm	MR000480GWFLV	HPG4	HPG4	
226	Supplemental Update / Online ROM Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB, and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPG4-1.1.x86_64.rpm	MR000960GWFMA	HPG4	HPG4	
227	Supplemental Update / Online ROM Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB, and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPG4-1.1.x86_64.rpm	VR000960GWFME	HPG4	HPG4	
228	Supplemental Update / Online ROM Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPG4-1.1.x86_64.rpm	VK000240GWEZB	HPG4	HPG4	
229	Supplemental Update / Online ROM Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPG4-1.1.x86_64.rpm	VK000480GWEZC	HPG4	HPG4	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
230	Supplemental Update / Online ROM Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPG4-1.1.x86_64.rpm	VK000960GWEZD	HPG4	HPG4	
231	Supplemental Update / Online ROM Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPG4-1.1.x86_64.rpm	MK000240GWEZF	HPG4	HPG4	
232	Supplemental Update / Online ROM Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPG4-1.1.x86_64.rpm	MK000480GWEZH	HPG4	HPG4	
233	Supplemental Update / Online ROM Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPG4-1.1.x86_64.rpm	MK000960GWEZK	HPG4	HPG4	
234	Supplemental Update / Online ROM Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPG4-1.1.x86_64.rpm	MK001920GWHRU	HPG4	HPG4	

6.2.14 Firmware - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
235	Online ROM Flash Component for Windows (x64) - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	cp032986.exe	HPE 12Gb SAS Expander Card	3.17	3.17	
236	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p,	cp032660.exe	HPE Smart Array P816i-a SR Gen10 Controller	1.05	1.05	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
	E208e-p, E208i-c, E208i-a, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10					
237	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp032660.exe	HPE Smart Array P408i-a SR Gen10 Controller	1.05	1.05	
238	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp032660.exe	HPE Smart Array P408i-p SR Gen10 Controller	1.05	1.05	
239	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp032660.exe	HPE Smart Array E208e-p SR Gen10 Controller	1.05	1.05	
240	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp032660.exe	HPE Smart Array E208i-p SR Gen10 Controller	1.05	1.05	
241	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp032660.exe	HPE Smart Array E208i-a SR Gen10 Controller	1.05	1.05	
242	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-2de15b6882-3.17-1.1.x86_64.rpm	HPE 12Gb SAS Expander Card	3.17	3.17	
243	Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	firmware-smartarray-f7c07bdbbd-1.05-1.1.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	1.05	1.05	
244	Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408e-m,	firmware-smartarray-f7c07bdbbd-1.05-1.1.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	1.05	1.05	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
	P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10					
245	Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	firmware-smartarray-f7c07bdbbd-1.05-1.1.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	1.05	1.05	
246	Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	firmware-smartarray-f7c07bdbbd-1.05-1.1.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	1.05	1.05	
247	Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	firmware-smartarray-f7c07bdbbd-1.05-1.1.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	1.05	1.05	
248	Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	firmware-smartarray-f7c07bdbbd-1.05-1.1.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	1.05	1.05	

6.2.15 Firmware - Storage Fibre Channel

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
249	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters - Linux (x64)	firmware-fc-emulex-2017.09.01-1.10.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2017.09.01	11.2.307.16	新規追加
250	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters - Linux (x64)	firmware-fc-emulex-2017.09.01-1.10.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2017.09.01	11.2.307.16	新規追加
251	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters - Linux (x64)	firmware-fc-emulex-2017.09.01-1.10.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2017.09.01	11.2.307.16	新規追加
252	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters - Linux (x64)	firmware-fc-emulex-2017.09.01-1.10.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2017.09.01	11.2.307.16	新規追加
253	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2017.09.01-1.5.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2017.09.01	01.70.51	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
254	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2017.09.01-1.5.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2017.09.01	01.70.51	
255	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2017.09.01-1.5.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2017.09.01	01.70.51	
256	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2017.09.01-1.5.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2017.09.01	01.70.51	
257	HPE Firmware Online Flash for Emulex Fibre Channel Host Bus Adapters - Windows 2012/2012 R2/2016 x64	cp032470.exe	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2017.09.01	11.2.307.16	新規追加
258	HPE Firmware Online Flash for Emulex Fibre Channel Host Bus Adapters - Windows 2012/2012 R2/2016 x64	cp032470.exe	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2017.09.01	11.2.307.16	新規追加
259	HPE Firmware Online Flash for Emulex Fibre Channel Host Bus Adapters - Windows 2012/2012 R2/2016 x64	cp032470.exe	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2017.09.01	11.2.307.16	新規追加
260	HPE Firmware Online Flash for Emulex Fibre Channel Host Bus Adapters - Windows 2012/2012 R2/2016 x64	cp032470.exe	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2017.09.01	11.2.307.16	新規追加
261	HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012/2012R2/2016 (x64)	cp032435.exe	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2017.09.01	01.70.51	
262	HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012/2012R2/2016 (x64)	cp032435.exe	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2017.09.01	01.70.51	
263	HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012/2012R2/2016 (x64)	cp032435.exe	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2017.09.01	01.70.51	
264	HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012/2012R2/2016 (x64)	cp032435.exe	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2017.09.01	01.70.51	

6.2.16 Firmware – System

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
265	Online Flash Component for Linux - Gen10 NVMe Backplane PIC Firmware	firmware-nvmebackplane-gen10-1.20-2.1.x86_64.rpm	NVMe Backplane PIC	1.20 (B)	1.20	
266	Online Flash Component for	firmware-nvmebackpla	NVMe Backplane	1.20 (B)	1.20	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
	Linux - Gen10 NVMe Backplane PIC Firmware	ne-gen10-1.20-2.1.x86_64.rpm	PIC			
267	Online Flash Component for Windows x64 - Gen10 NVMe Backplane PIC Firmware	cp032700.exe	NVMe Backplane PIC	1.20	1.20	
268	Online Flash Component for Windows x64 - Gen10 NVMe Backplane PIC Firmware	cp032700.exe	NVMe Backplane PIC	1.20	1.20	

6.2.17 Software - Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
269	HP Lights-Out Online Configuration Utility for Linux (AMD64/EM64T)	hponcfg-5.1.0-0.x86_64.rpm	-	5.1.0-0	5.1.0-0	
270	HP Lights-Out Online Configuration Utility for Windows x64 Editions	cp032766.exe	-	5.1.0.0	5.1.0.0	

6.2.18 Software - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
271	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp032821.exe	HPE Smart Array P408i-a SR Gen10 Controller	1.0.0.64 (A)	1.0.0.64 (A)	
272	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp032821.exe	HPE Smart Array P408i-p SR Gen10 Controller	1.0.0.64 (A)	1.0.0.64 (A)	
273	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp032821.exe	HPE Smart Array P816i-a SR Gen10 Controller	1.0.0.64 (A)	1.0.0.64 (A)	
274	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp032821.exe	HPE Smart Array E208e-p SR Gen10 Controller	1.0.0.64 (A)	1.0.0.64 (A)	
275	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp032821.exe	HPE Smart Array E208i-p SR Gen10 Controller	1.0.0.64 (A)	1.0.0.64 (A)	
276	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp032821.exe	HPE Smart Array E208i-a SR Gen10 Controller	1.0.0.64 (A)	1.0.0.64 (A)	

6.2.19 Software - Storage Fibre Channel HBA

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
277	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64)	fibreutils-3.3-5.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	3.3-5	3.3-5	
278	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64)	fibreutils-3.3-5.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	3.3-5	3.3-5	
279	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64)	fibreutils-3.3-5.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	3.3-5	3.3-5	
280	Fibreutils for HPE Storage Fibre	fibreutils-3.3-5.x86_64.r	HPE StoreFabric	3.3-5	3.3-5	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
	Channel Host Bus Adapters for Linux (x86_64)	pm	SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter			
281	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64)	fibreutils-3.3-5.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	3.3-5	3.3-5	
282	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64)	fibreutils-3.3-5.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	3.3-5	3.3-5	
283	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64)	fibreutils-3.3-5.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	3.3-5	3.3-5	
284	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64)	fibreutils-3.3-5.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	3.3-5	3.3-5	
285	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.0-4	1.0.0.0-4	新規追加
286	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.0-4	1.0.0.0-4	新規追加
287	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.0-4	1.0.0.0-4	新規追加
288	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.0-4	1.0.0.0-4	新規追加
289	HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems	cp031443.exe	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (e)	1.0.0.1 (e)	新規追加
290	HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems	cp031443.exe	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (e)	1.0.0.1 (e)	新規追加
291	HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems	cp031443.exe	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (e)	1.0.0.1 (e)	新規追加
292	HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems	cp031443.exe	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (e)	1.0.0.1 (e)	新規追加

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
293	HPE Fibre Channel Enablement Kit for Linux - QLogic	HP-CNA-FC-hpqlgc-Enablement-Kit-6.0.0.0-4.noarch.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	6.0.0.0-4 (c)	6.0.0.0-4 (c)	
294	HPE Fibre Channel Enablement Kit for Linux - QLogic	HP-CNA-FC-hpqlgc-Enablement-Kit-6.0.0.0-4.noarch.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	6.0.0.0-4 (c)	6.0.0.0-4 (c)	
295	HPE Fibre Channel Enablement Kit for Linux - QLogic	HP-CNA-FC-hpqlgc-Enablement-Kit-6.0.0.0-4.noarch.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	6.0.0.0-4 (c)	6.0.0.0-4 (c)	
296	HPE Fibre Channel Enablement Kit for Linux - QLogic	HP-CNA-FC-hpqlgc-Enablement-Kit-6.0.0.0-4.noarch.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	6.0.0.0-4 (c)	6.0.0.0-4 (c)	
297	HPE Fibre Channel Enablement Kit for Red Hat Enterprise Linux 6 Server - Emulex	HP-CNA-FC-Emulex-Enablement-Kit-11.2.307.3-1.rhel6.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	11.2.307.3	11.2.307.3	新規追加
298	HPE Fibre Channel Enablement Kit for Red Hat Enterprise Linux 6 Server - Emulex	HP-CNA-FC-Emulex-Enablement-Kit-11.2.307.3-1.rhel6.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	11.2.307.3	11.2.307.3	新規追加
299	HPE Fibre Channel Enablement Kit for Red Hat Enterprise Linux 6 Server - Emulex	HP-CNA-FC-Emulex-Enablement-Kit-11.2.307.3-1.rhel6.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	11.2.307.3	11.2.307.3	新規追加
300	HPE Fibre Channel Enablement Kit for Red Hat Enterprise Linux 6 Server - Emulex	HP-CNA-FC-Emulex-Enablement-Kit-11.2.307.3-1.rhel6.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	11.2.307.3	11.2.307.3	新規追加
301	HPE Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server - Emulex	HP-CNA-FC-Emulex-Enablement-Kit-11.2.307.3-1.rhel7.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	11.2.307.3	11.2.307.3	新規追加
302	HPE Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server - Emulex	HP-CNA-FC-Emulex-Enablement-Kit-11.2.307.3-1.rhel7.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	11.2.307.3	11.2.307.3	新規追加
303	HPE Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server - Emulex	HP-CNA-FC-Emulex-Enablement-Kit-11.2.307.3-1.rhel7.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	11.2.307.3	11.2.307.3	新規追加
304	HPE Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server - Emulex	HP-CNA-FC-Emulex-Enablement-Kit-11.2.307.3-1.rhel7.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	11.2.307.3	11.2.307.3	新規追加
305	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus	3.3-3	3.3-3	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
			Adapter			
306	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	3.3-3	3.3-3	
307	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	3.3-3	3.3-3	
308	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	3.3-3	3.3-3	
309	HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems	cp031440.exe	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (d)	1.0.0.1 (d)	
310	HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems	cp031440.exe	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (d)	1.0.0.1 (d)	
311	HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems	cp031440.exe	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (d)	1.0.0.1 (d)	
312	HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems	cp031440.exe	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (d)	1.0.0.1 (d)	

6.2.20 Software - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
313	Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 6 Server	amsd-1.1.0-2576.21.rhel6.x86_64.rpm	-	1.1.0	1.1.0	
314	Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 7 Server	amsd-1.1.0-2576.20.rhel7.x86_64.rpm	-	1.1.0	1.1.0	
315	Agentless Management Service for Windows X64	cp032256.exe	-	1.15.0.0	1.15.0.0	
316	NVMe Drive Eject NMI Fix for Intel Xeon Processor Scalable Family for Windows	cp031375.exe	-	1.1.0.0	1.1.0.0	
317	Smart Storage Administrator (SSA) CLI for Linux 64-bit	ssacli-3.10-3.0.x86_64.rpm	-	3.10-3.0	3.10-3.0	
318	Smart Storage Administrator (SSA) CLI for Windows 64-bit	cp031244.exe	-	3.10.3.0	3.10.3.0	
319	Smart Storage Administrator (SSA) for Linux 64-bit	ssa-3.10-3.0.x86_64.rpm	-	3.10-3.0	3.10-3.0	
320	Smart Storage Administrator (SSA) for Windows 64-bit	cp031243.exe	-	3.10.3.0	3.10.3.0	
321	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit	ssaducli-3.10-3.0.x86_64.rpm	-	3.10-3.0	3.10-3.0	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
322	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit	cp031245.exe	-	3.10.3.0	3.10.3.0	