

HA8000V シリーズ

Service Pack for HA8000V (SPH)

Version 1.00 46

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 |
|----------|---|
| 2017年11月 | 初版 |
| 2017年12月 | 適用OS追加(Red Hat(R) Enterprise Linux(R) Server 7.4) |
| 2018年8月 | 注意事項追記、誤記訂正 |
| 2019年4月 | 4.4 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

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. 注意事項

4.1 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。

4.2 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。

4.3 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。

4.4 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て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。

5. 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。

5.1 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。

5.2 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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- [Firmware - SAS Storage Disk](#)
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- [Firmware - Storage Controller](#)
- [Firmware - Storage Fibre Channel](#)
- [Firmware – System](#)
- [Software - Lights-Out Management](#)
- [Software - Storage Controller](#)
- [Software - Storage Fibre Channel HBA](#)
- [Software - System Management](#)

5.2.1 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 | oem-firmware-system-u30-1.20_2017_08_18-1.1.x86_64.rpm | System BIOS - U30 | 1.20_08-18-2017 | v1.20 (08/18/2017) | |
| 2 | Online ROM Flash Component for Linux - OEM System ROM U32 | oem-firmware-system-u32-1.20_2017_08_18-1.1.x86_64.rpm | System BIOS - U32 | 1.20_08-18-2017 | v1.20 (08/18/2017) | |
| 3 | Online ROM Flash Component for Windows x64 - OEM System ROM U30 | cp032158.exe | System BIOS - U30 | 1.20_08-18-2017 | v1.20 (08/18/2017) | |
| 4 | Online ROM Flash Component for Windows x64 - OEM System ROM U32 | cp032180.exe | System BIOS - U32 | 1.20_08-18-2017 | v1.20 (08/18/2017) | |

5.2.2 Driver - Chipset

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|--|------------------|--------|-----------------|-------------------------|--------|
| 5 | Identifiers for Intel Xeon Processor Scalable Family for Windows | cp030694.exe | - | 10.1.2.85 | 10.1.2.85 | |

5.2.3 Driver - Network

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|--------------------------------------|--|-----------------|-------------------------|--------|
| 6 | 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 | |
| 7 | 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 | |
| 8 | 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 | |
| 9 | 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 | |
| 10 | 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 | |
| 11 | 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 | |
| 12 | 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 | |
| 13 | 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 | |
| 14 | 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 | |
| 15 | 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 | |
| 16 | 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 | |
| 17 | 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 | |

| 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-tg3-3.137s-1.rhel7u4.x86_64.rpm | HP Ethernet 1Gb 2-port 332T Adapter | 3.137s-1 | 3.137s-1 | 新規追加 |
| 19 | 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 | 新規追加 |
| 20 | 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 | 新規追加 |
| 21 | 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 | 新規追加 |
| 22 | 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 | |
| 23 | 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 | |
| 24 | 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 | |
| 25 | 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 | |
| 26 | 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 |
| 27 | 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 |
| 28 | HPE Intel i40ea Driver for Windows Server 2012 R2 | cp031177.exe | HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter | 1.6.102.0 | 1.6.102.0 | |
| 29 | 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 | |
| 30 | 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 | |
| 31 | 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 | |
| 32 | 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 | |
| 33 | 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 | |
| 34 | 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 | |
| 35 | 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 | |
| 36 | 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+ | 2.0.28-3 | 2.0.28-3 | 新規追加 |

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|--|--|--|-----------------|-------------------------|--------|
| | | | Adapter | | | |
| 37 | 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 |
| 38 | HPE Intel vxn Driver for Windows Server 2012 R2 | cp032568.exe | - | 1.0.16.1 | 1.0.16.1 | 新規追加 |
| 39 | HPE Intel vxn Driver for Windows Server 2016 | cp032569.exe | - | 2.0.210.0 | 2.0.210.0 | 新規追加 |
| 40 | 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 | |
| 41 | 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 | |
| 42 | 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 | |
| 43 | 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 | |
| 44 | 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 | |
| 45 | 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 | |
| 46 | 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 | 新規追加 |
| 47 | 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 | 新規追加 |
| 48 | 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 | 新規追加 |
| 49 | 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 | |
| 50 | 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 | |
| 51 | 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 | |

5.2.4 Driver – Storage

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|--|------------------|--------|-----------------|-------------------------|--------|
| 52 | 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 | |

5.2.5 Driver – Storage Controller

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|--|---|-----------------|-------------------------|--------|
| 53 | 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) | |
| 54 | HPE ProLiant Gen10 Smart | kmod-smartpqi-1.0.4-1 | HPE Smart Array | 1.0.4-101 | 1.0.4-101 (A) | |

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|--|---|-----------------|-------------------------|--------|
| | Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit) | 01.rhel6u9.x86_64.rpm | P408i-a SR Gen10 Controller | (A) | | |
| 55 | 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) | |
| 56 | 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) | |
| 57 | 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) | |
| 58 | 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) | |
| 59 | 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 | |
| 60 | 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 | |
| 61 | 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 | |
| 62 | 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 | |
| 63 | 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 | |
| 64 | 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 | |
| 65 | 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 | 新規追加 |
| 66 | 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 | 新規追加 |
| 67 | 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 | 新規追加 |
| 68 | 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-p SR Gen10 Controller | 1.1.2-120 | 1.1.2-120 | 新規追加 |
| 69 | 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 | 新規追加 |
| 70 | HPE ProLiant Gen10 Smart | kmod-smartpqi-1.1.2-1 | HPE Smart Array | 1.1.2-120 | 1.1.2-120 | 新規追加 |

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|--|-----------------------|---|-----------------|-------------------------|--------|
| | Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit) | 20.rhel7u4.x86_64.rpm | E208i-a SR Gen10 Controller | | | |
| 71 | 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) | |
| 72 | 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) | |
| 73 | 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) | |
| 74 | 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) | |
| 75 | 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) | |
| 76 | 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) | |

5.2.6 Driver - Storage Fibre Channel and Fibre Channel over Ethernet

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|--|------------------|---|-----------------|-------------------------|--------|
| 77 | 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 | |
| 78 | 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 | |
| 79 | 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 | |
| 80 | 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 | |
| 81 | 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 | |
| 82 | 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 | |
| 83 | HPE Storage Fibre Channel Adapter Kit for the QLogic | cp032438.exe | HPE StoreFabric SN1600Q 32Gb | 9.2.5.20 | 9.2.5.20 | |

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|---|---|--------------------|-------------------------|--------|
| | Storport Driver for Windows Server 2016 | | Dual Port Fibre Channel Host Bus Adapter | | | |
| 84 | 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 | |
| 85 | 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 | |
| 86 | 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 | |
| 87 | 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 | |
| 88 | 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 | |
| 89 | 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 | |
| 90 | 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 | |
| 91 | 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 Dual Port Fibre Channel Host Bus Adapter | 8.07.00.50.07.0-k4 | 8.07.00.50.07.0-k4 | |
| 92 | 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 | |
| 93 | 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 | 新規追加 |
| 94 | 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 | 新規追加 |
| 95 | 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 | 新規追加 |
| 96 | Red Hat Enterprise Linux 7 | kmod-qlgc-qla2xxx-8.07 | HPE StoreFabric | 8.07.00.50.0 | 8.07.00.50.07. | 新規追加 |

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|-------------------------------------|---|-----------------|-------------------------|--------|
| | Server FC Driver Kit for HPE QLogic HBAs and mezzanine HBAs | .00.50.07.0_k4-1.rhel7u4.x86_64.rpm | SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter | 7.0-k4 | 0-k4 | |

5.2.7 Driver - System Management

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|------------------|--------|-----------------|-------------------------|--------|
| 97 | iLO 5 Channel Interface Driver for Windows Server 2012 R2 | cp030976.exe | - | 4.0.0.0 | 4.0.0.0 | |
| 98 | iLO 5 Channel Interface Driver for Windows Server 2012 R2 | cp030976.exe | - | 4.0.0.0 | 4.0.0.0 | |
| 99 | iLO 5 Channel Interface Driver for Windows Server 2016 | cp030977.exe | - | 4.0.0.0 | 4.0.0.0 | |
| 100 | iLO 5 Channel Interface Driver for Windows Server 2016 | cp030977.exe | - | 4.0.0.0 | 4.0.0.0 | |

5.2.8 Driver - Video

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|------------------|--------|-----------------|-------------------------|--------|
| 101 | Matrox G200eH3 Video Controller Driver for Windows Server 2012 R2 | cp032304.exe | - | 9.15.1.184 | 9.15.1.184 | |
| 102 | Matrox G200eH3 Video Controller Driver for Windows Server 2016 | cp032305.exe | - | 9.15.1.184 | 9.15.1.184 | |

5.2.9 Firmware - Lights-Out Management

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|--|---------------------------------------|-----------------|-------------------------|--------|
| 103 | Language Pack - Japanese | firmware-ilo5-lpk-ja-1.10-1.1.x86_64.rpm | Integrated Lights-Out 5 Language Pack | 1.10 | 1.10 | |
| 104 | Online Flash Component for Windows x64 - HPE Integrated Lights-Out 5 Japanese Language Pack | cp032624.exe | Integrated Lights-Out 5 Language Pack | 1.10 | 1.10 | |
| 105 | Online ROM Flash Component for Linux - iLO 5 | firmware-ilo5-1.15-1.1.x86_64.rpm | Integrated Lights-Out 5 Firmware | 1.15 | 1.15 | |
| 106 | Online ROM Flash Component for Windows x64 - iLO 5 | cp033325.exe | Integrated Lights-Out 5 Firmware | 1.15 | 1.15 | |

5.2.10 Firmware - Network

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|---|--|-----------------|-------------------------|--------|
| 107 | 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 | |
| 108 | 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 | |
| 109 | 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 | |
| 110 | HPE Broadcom NX1 Online Firmware Upgrade Utility for | firmware-nic-broadcom-2.19.6-1.1.x86_64.rpm | HP Ethernet 1Gb 4-port 331T | 2.19.6 | 20.6.61 | |

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|--|---|--|-----------------|-------------------------|--------|
| | Linux x86_64 | | Adapter | | | |
| 111 | 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 | |
| 112 | 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 | |
| 113 | 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 | |
| 114 | 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 | |
| 115 | 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 | |
| 116 | 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 | |
| 117 | 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 | |
| 118 | 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 | |
| 119 | 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 | |
| 120 | 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 | |
| 121 | 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 | |
| 122 | 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 | |
| 123 | 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 | |
| 124 | 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 | |

5.2.11 Firmware - Power Management

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|--|---|-----------------|-------------------------|--------|
| 125 | 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 | |
| 126 | Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 | cp033359.exe | Advanced Power Capping Microcontroller Firmware | 1.0.4 | 1.0.4 | |

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|-------------------|------------------|--------|-----------------|-------------------------|--------|
| | series Processors | | | | | |

5.2.12 Firmware - SAS Storage Disk

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|--|---|---------------|-----------------|-------------------------|--------|
| 127 | Online ROM Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives | cp032365.exe | EG000600JWEBH | HPD3 | HPD3 | |
| 128 | Online ROM Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives | cp032365.exe | EG000300JWEBF | HPD3 | HPD3 | |
| 129 | Online ROM Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives | cp032288.exe | EG1200JEMDA | HPD6 | HPD6 | |
| 130 | Online ROM Flash Component for Windows (x64) - EG1800JEMDB Drives | cp032293.exe | EG1800JEMDB | HPD3 | HPD3 | |
| 131 | Online ROM Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives | cp032358.exe | EH000300JWCPK | HPD3 | HPD3 | |
| 132 | Online ROM Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives | cp032358.exe | EH000600JWCPL | HPD3 | HPD3 | |
| 133 | Online ROM Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives | cp032358.exe | EH000900JWCPN | HPD3 | HPD3 | |
| 134 | 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 | |
| 135 | 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 | |
| 136 | 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 | |
| 137 | Supplemental Update / Online ROM Flash Component for Linux (x64) - EG1800JEMDB Drives | firmware-hdd-0a38b25661-HPD3-1.1.x86_64.rpm | EG1800JEMDB | HPD3 | HPD3 | |
| 138 | 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 | |
| 139 | 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 | |

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|--|---|---------------|-----------------|-------------------------|--------|
| 140 | Supplemental Update / Online ROM Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPCN Drives | firmware-hdd-3d97759111-HPD3-1.1.x86_64.rpm | EH000300JWCPK | HPD3 | HPD3 | |

5.2.13 Firmware - SATA Storage Disk

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|--|------------------|---------------|-----------------|-------------------------|--------|
| 141 | Online ROM Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives | cp033049.exe | MB001000GWCBC | HPG4 (B) | HPG4 | |
| 142 | Online ROM Flash Component for Windows (x64) - MB001000GWFVK and MB002000GWFVL Drives | cp033051.exe | MB002000GWFVL | HPG4 (B) | HPG4 | |
| 143 | Online ROM Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives | cp033037.exe | MB4000GVYZK | HPG4 (B) | HPG4 | |
| 144 | Online ROM Flash Component for Windows (x64) - MB8000GFECR Drives | cp032307.exe | MB8000GFECR | HPG4 | HPG4 | |
| 145 | Online ROM Flash Component for Windows (x64) - MM1000GEFQV and MM2000GEFRA Drives | cp031319.exe | MM2000GEFRA | HPG5 | HPG5 | |
| 146 | Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives | cp032692.exe | MK000240GWEZF | HPG4 | HPG4 | |
| 147 | Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives | cp032692.exe | MK000480GWEZH | HPG4 | HPG4 | |
| 148 | Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives | cp032692.exe | MK000960GWEZK | HPG4 | HPG4 | |
| 149 | Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, | cp032692.exe | MK001920GWHRU | HPG4 | HPG4 | |

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|--|---|---------------|-----------------|-------------------------|--------|
| | VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives | | | | | |
| 150 | Supplemental Update / Online ROM Flash Component for Linux (x64) - MB001000GWCBC and MB002000GWCBD Drives | firmware-hdd-68b12e54d2-HPG4-2.1.x86_64.rpm | MB001000GWCBC | HPG4 (B) | HPG4 | |
| 151 | Supplemental Update / Online ROM Flash Component for Linux (x64) - MB001000GFWFK and MB002000GFWFL Drives | firmware-hdd-bfc4af697b-HPG4-2.1.x86_64.rpm | MB002000GFWFL | HPG4 (B) | HPG4 | |
| 152 | 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 | |
| 153 | Supplemental Update / Online ROM Flash Component for Linux (x64) - MB8000GFECR Drives | firmware-hdd-6d922fc9a8-HPG4-2.1.x86_64.rpm | MB8000GFECR | HPG4 (B) | HPG4 | |
| 154 | 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 | |
| 155 | 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 | |
| 156 | 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 | |
| 157 | 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 | |
| 158 | Supplemental Update / Online ROM Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, | firmware-hdd-3db7640485-HPG4-1.1.x86_64.rpm | MK001920GWHRU | HPG4 | HPG4 | |

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|--|------------------|--------|-----------------|-------------------------|--------|
| | MK000240GWEZF, MK000480GWEZH, MK000960GWEZK, and MK001920GWHRU Drives | | | | | |

5.2.14 Firmware - Storage Controller

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|--|---|-----------------|-------------------------|--------|
| 159 | 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 | |
| 160 | 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 P816i-a SR Gen10 Controller | 1.05 | 1.05 | |
| 161 | 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 | |
| 162 | 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 | |
| 163 | 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 | |
| 164 | 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 | |
| 165 | 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 | |
| 166 | Supplemental Update / Online ROM Flash Component for | firmware-smartarray-2d e15b6882-3.17-1.1.x86 | HPE 12Gb SAS Expander Card | 3.17 | 3.17 | |

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|--|---|-----------------|-------------------------|--------|
| | Linux (x64) – HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers | _64.rpm | | | | |
| 167 | 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 | |
| 168 | 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-a SR Gen10 Controller | 1.05 | 1.05 | |
| 169 | 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 | |
| 170 | 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 | |
| 171 | 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 | |
| 172 | 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 | |

5.2.15 Firmware - Storage Fibre Channel

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|--|--|---|-----------------|-------------------------|--------|
| 173 | 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 | |
| 174 | HPE Firmware Flash for QLogic Fibre Channel Host Bus | firmware-fc-qlogic-2017.09.01-1.5.x86_64.rpm | HPE StoreFabric SN1100Q 16Gb | 2017.09.01 | 01.70.51 | |

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|--|---|-----------------|-------------------------|--------|
| | Adapters - Linux (x86_64) | | Single Port Fibre Channel Host Bus Adapter | | | |
| 175 | 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 | |
| 176 | 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 | |
| 177 | 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 | |
| 178 | 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 | |
| 179 | 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 | |
| 180 | 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 | |

5.2.16 Firmware – System

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|--|--|--------------------|-----------------|-------------------------|--------|
| 181 | 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 | |
| 182 | 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 | |
| 183 | Online Flash Component for Windows x64 - Gen10 NVMe Backplane PIC Firmware | cp032700.exe | NVMe Backplane PIC | 1.20 | 1.20 | |
| 184 | Online Flash Component for Windows x64 - Gen10 NVMe Backplane PIC Firmware | cp032700.exe | NVMe Backplane PIC | 1.20 | 1.20 | |

5.2.17 Software - Lights-Out Management

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|----------------------------|--------|-----------------|-------------------------|--------|
| 185 | 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 | |
| 186 | HP Lights-Out Online Configuration Utility for Windows x64 Editions | cp032766.exe | - | 5.1.0.0 | 5.1.0.0 | |

5.2.18 Software - Storage Controller

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|--|------------------|---|-----------------|-------------------------|--------|
| 187 | 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) | |
| 188 | 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) | |
| 189 | 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) | |
| 190 | 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) | |
| 191 | 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) | |
| 192 | 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) | |

5.2.19 Software - Storage Fibre Channel HBA

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|--|---|-----------------|-------------------------|--------|
| 193 | 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 | |
| 194 | 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 | |
| 195 | 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 | |
| 196 | Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64) | fibreutils-3.3-5.x86_64.rpm | HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter | 3.3-5 | 3.3-5 | |
| 197 | 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) | |
| 198 | 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) | |
| 199 | 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) | |
| 200 | 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) | |

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|--|---|---|-----------------|-------------------------|--------|
| | | | Adapter | | | |
| 201 | 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 Adapter | 3.3-3 | 3.3-3 | |
| 202 | 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 | |
| 203 | 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 | |
| 204 | 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 | |
| 205 | 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) | |
| 206 | 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) | |
| 207 | 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) | |
| 208 | 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) | |

5.2.20 Software - System Management

| No. | Description | Package filename | Device | Package Version | Firmware/Driver version | Update |
|-----|---|-------------------------------------|--------|-----------------|-------------------------|--------|
| 209 | 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 | |
| 210 | 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 | |
| 211 | Agentless Management Service for Windows X64 | cp032256.exe | - | 1.15.0.0 | 1.15.0.0 | |
| 212 | NVMe Drive Eject NMI Fix for Intel Xeon Processor Scalable Family for Windows | cp031375.exe | - | 1.1.0.0 | 1.1.0.0 | |
| 213 | 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 | |
| 214 | Smart Storage Administrator (SSA) CLI for Windows 64-bit | cp031244.exe | - | 3.10.3.0 | 3.10.3.0 | |
| 215 | Smart Storage Administrator (SSA) for Linux 64-bit | ssa-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 |
|-----|---|-------------------------------|--------|-----------------|-------------------------|--------|
| 216 | Smart Storage Administrator (SSA) for Windows 64-bit | cp031243.exe | - | 3.10.3.0 | 3.10.3.0 | |
| 217 | Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit | ssaduccli-3.10-3.0.x86_64.rpm | - | 3.10-3.0 | 3.10-3.0 | |
| 218 | Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit | cp031245.exe | - | 3.10.3.0 | 3.10.3.0 | |