## VMware Deliverable Release Notes

This document does not apply to HPE Synergy or HPE Superdome servers. For information on HPE Synergy and HPE Superdome, see the following links:

**HPE Synergy Software Releases** 

HPE Integrity Superdome X

**HPE Superdome Flex** 



## Service Pack for ProLiant 2018.11.0 Release Notes for VMware vSphere 6.7

This is a subset of information from the Service Pack for ProLiant Component Release Notes that only includes information for VMware deliverables. Information for hotfixes for this SPP are available at: http://h17007.www1.hpe.com/us/en/enterprise/servers/products/service\_pack/spp/index.aspx

<u> Driver - Network</u>

Driver - Storage Controller

Firmware - Network

Firmware - NVDIMM

<u> Firmware - Storage Controller</u>

Firmware - Storage Fibre Channel

Software - Management

Software - Storage Fibre Channel

Software - System Management

Driver - Network Top

HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7

Version: 2018.11.13 (Optional)

Filename: cp035286.compsig; cp035286.zip

## Important Note!

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

HPE recommends the firmware provided in *HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for VMware*, version 5.6.3 or later, for use with this driver.

## **Enhancements**

This product now supports Gen10 servers.

## Supported Devices and Features

This product supports the following network adapters:

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

HPE Emulex 10/20 GbE Driver for VMware vSphere 6.7

Version: 2018.11.13 (Optional)

Filename: cp035291.compsig; cp035291.zip

## **Important Note!**

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

HPE recommends the firmware provided in *HPE Firmware Flash for Emulex Converged Network Adapters for VMware vSphere 6.7*, version 2018.06.01 or later, for use with this driver.

## **Enhancements**

This product now supports Gen10 servers.

#### **Supported Devices and Features**

This driver supports the following network adapters:

- HP FlexFabric 10Gb 2-port 556FLR-SFP+ Adapter
- HPE FlexFabric 10Gb 2-port 556FLR-T Adapter
- HP Ethernet 10Gb 2-port 557SFP+ Adapter
- HP FlexFabric 20Gb 2-port 650FLB Adapter

- HP FlexFabric 20Gb 2-port 650M Adapter
- HP StoreFabric CN1200E Dual Port Converged Network Adapter
- HPE StoreFabric CN1200E-T Adapter

HPE Emulex 10/20GbE iSCSI Driver for VMware vSphere 6.7

Version: 2018.11.13 (Optional)

Filename: cp035288.compsig; cp035288.zip

## Important Note!

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

HPE recommends the firmware provided in *HPE Firmware Flash for Emulex Converged Network Adapters for VMware vSphere 6.7*, version 2018.06.01 or later, for use with this driver.

## **Enhancements**

This product now supports Gen10 servers.

## Supported Devices and Features

These drivers support the following network adapters:

- HP FlexFabric 10Gb 2-port 556FLR-SFP+ Adapter
- HPE FlexFabric 10Gb 2-port 556FLR-T Adapter
- HP FlexFabric 20Gb 2-port 650FLB Adapter
- HP FlexFabric 20Gb 2-port 650M Adapter
- HP StoreFabric CN1200E Dual Port Converged Network Adapter
- HPE StoreFabric CN1200E-T Adapter

HPE Intel i40en Driver for VMware vSphere 6.7

Version: 2018.11.13 (Optional)

Filename: cp035294.compsig; cp035294.zip

## Important Note!

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

HPE recommends the firmware provided in *HPE Intel Online Firmware Upgrade Utility for VMware*, version 3.9.0 or later, for use with this driver.

## **Enhancements**

This product now supports Gen10 servers.

## **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 1Gb 2-port 368FLR-MMT Adapter
- HPE Ethernet 1Gb 2-port 368i Adapter
- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port 568i Adapter
- HPE Ethernet 10Gb 2-port 568FLR-MMSFP+ Adapter
- HPE Ethernet 10Gb 2-port 568FLR-MMT Adapter

HPE Intel igbn Driver for VMware vSphere 6.7

Version: 2018.11.13 (Optional)

Filename: cp035781.compsig; cp035781.zip

## **Important Note!**

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

HPE recommends the firmware provided in *HPE Intel Online Firmware Upgrade Utility for VMware*, version 3.9.0 or later, for use with this driver.

#### **Enhancements**

Initial release.

#### Supported Devices and Features

These drivers support the following network adapters:

- HP Ethernet 1Gb 2-port 361i Adapter
- HP Ethernet 1Gb 2-port 361T Adapter
- HP Ethernet 1Gb 2-port 363i Adapter
- HP Ethernet 1Gb 1-port 364i Adapter
- HP Ethernet 1Gb 4-port 366FLR Adapter
- HP Ethernet 1Gb 4-port 366i Adapter
- HPE Ethernet 1Gb 4-port 366i Communication Board
- HP Ethernet 1Gb 4-port 366M Adapter
- HP Ethernet 1Gb 4-port 366T Adapter

HPE Intel ixgben Driver for VMware vSphere 6.7

Version: 2018.11.13 (Optional)

Filename: cp035298.compsig; cp035298.zip

### Important Note!

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

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for VMware, version 3.9.0 or later, for use with this driver.

#### **Enhancements**

This product now supports Gen10 servers.

## Supported Devices and Features

These drivers support the following network adapters:

- HP Ethernet 10Gb 2-port 560FLB Adapter
- HP Ethernet 10Gb 2-port 560FLR-SFP+ Adapter
- HP Ethernet 10Gb 2-port 560M Adapter
- HP Ethernet 10Gb 2-port 560SFP+ Adapter
- HP Ethernet 10Gb 2-port 561FLR-T Adapter
- HP Ethernet 10Gb 2-port 561T Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 6.7

Version: 2018.06.04 (Optional)

Filename: cp034783.compsig; cp034783.zip

#### Important Note!

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

HPE recommends the firmware provided in *HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware*, version 4.6.24 or later, for use with this driver.

#### **Enhancements**

Initial release.

## Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 521T Adapter
- HPE Ethernet 4x25Gb 1-port 620QSFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 621SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 622FLR-SFP28 Converged Network Adapter
- HPE Synergy 6810C 25/50Gb Ethernet Adapter

HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.7

Version: 2018.11.13 (Optional)

Filename: cp035303.compsig; cp035303.zip

## Important Note!

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

HPE recommends the firmware provided in *HPE QLogic NX2 Online Firmware Upgrade Utility for VMware*, version 1.23.3 or later, for use with this driver.

#### **Enhancements**

This product now supports Gen10 servers.

### Supported Devices and Features

These drivers support the following network adapters:

- HP Ethernet 10Gb 2-port 530SFP+ Adapter
- HP Ethernet 10Gb 2-port 530T Adapter
- HP Ethernet 10Gb 2-port 533FLR-T Adapter
- HP FlexFabric 10Gb 2-port 534FLR-SFP+ Adapter
- HP FlexFabric 10Gb 2-port 534M Adapter
- HP FlexFabric 10Gb 2-port 536FLB Adapter
- HP FlexFabric 20Gb 2-port 630FLB Adapter
- HP FlexFabric 20Gb 2-port 630M Adapter
- HP StoreFabric CN1100R Dual Port Converged Network Adapter
- HPE StoreFabric CN1100R-T Dual Port Converged Network Adapter
- HPE Synergy 10Gb 2-port 2820C Converged Network Adapter
- HPE Synergy 3820C 10/20Gb Converged Network Adapter

VMware ESX 6.5 MST Drivers Offline Bundle for Mellanox Adapters

Version: 4.9.0.38 (Recommended)

Filename: MLNX-NMST-ESX-6.5.0-4.9.0.38.zip

## **Prerequisites**

NA

## **Enhancements**

VM65 nmst 4.9.0.38

## **Driver - Storage Controller**

<u>Top</u>

HPE ProLiant Gen10 Smart Array Controller Driver for VMware ESXi 6.7 (Bundle file)

Version: 1.0.2.1038-11 (Recommended)

Filename: VMW-ESX-6.7.0-smartpgi-1.0.2.1038-8984687.zip

# <u>Fixes</u>

• For systems running VMware vSphere 6.0, 6.5, or 6.7 and configured with multiple paths to a supported disk enclosure, a single path failure might result in a loss of disk connectivity.

HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component).

Version: 2018.07.18 (Recommended) Filename: cp036832.compsig; cp036832.zip

## **Important Note!**

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

## **Fixes**

• For systems running VMware vSphere 6.0, 6.5, or 6.7 and configured with multiple paths to a supported disk enclosure, a single path failure might result in a loss of disk connectivity.

Firmware - Network To

HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for VMware

Version: 5.6.3 (Optional)

Filename: CP037444.compsig; CP037444.zip

## **Important Note!**

HPE recommends HPE Broadcom NetXtreme-E Drivers for VMware, versions 2018.09.00 or later, for use with this firmware.

This software package contains NVM Image version 212.0.103001 with the following firmware versions:

| NIC  | Bootcode<br>Version | NCSI<br>Version | MBA<br>Version |             | CCM<br>Version | RoCE<br>Version |
|--|---------------------|-----------------|----------------|-------------|----------------|-----------------|
| HPE Ethernet 10Gb 2-port 535FLR-T Adapter        |                     |                 |                |             |                |                 |
| HPE Ethernet 10Gb 2-port 535T Adapter            |                     |                 |                |             |                |                 |
| HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter | 212.0.102.0         | 212.0.96.0      | 212.0.92.0     | 212.0.103.1 | 212.0.92.0     | 212.0.103.0     |
| HPE Ethernet 10/25Gb 2-port 631SFP28<br>Adapter  |                     |                 |                |             |                |                 |

## **Prerequisites**

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

## **Enhancements**

This product now supports VMware vSphere 6.7.

# Supported Devices and Features

This product supports the following network adapters:

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

HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware

Version: 1.23.4 (Optional)

Filename: CP037443.compsig; CP037443.zip

## Important Note!

HPE recommends HPE Broadcom tg3 Ethernet Drivers for VMware, versions 2018.09.00 or later, for use with this firmware.

This software package contains combo image v20.12.41 with the following firmware versions:

| NIC  | <b>Boot Code Version</b> | PXE Version | NCSI Version | UEFI Version | CCM Version |
|--|--------------------------|-------------|--------------|--------------|-------------|
| HP Ethernet 1Gb 2-port 330i Adapter (22BD)   | 2.10                     | 20.6.50     | 1.4.22       | 20.12.2      | 212.0.92.0  |
| HP Ethernet 1Gb 4-port 331i Adapter (22BE)<br>HP Ethernet 1Gb 4-port 331FLR Adapter<br>HP Ethernet 1Gb 4-port 331T Adapter | 1.46                     | 20.6.50     | 1.4.22       | 20.12.2      | 212.0.92.0  |
| HP Ethernet 1Gb 2-port 332i Adapter (22E8)<br>HP Ethernet 1Gb 2-port 332T Adapter  | 1.39                     | 20.6.50     | 1.4.22       | 20.12.2      | 212.0.92.0  |

## **Prerequisites**

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

#### **Enhancements**

This product now supports VMware vSphere 6.7.

## Supported Devices and Features

This product supports the following network adapters:

- HP Ethernet 1Gb 2-port 330i Adapter (22BD)
- HP Ethernet 1Gb 4-port 331i Adapter (22BE)
- HPE Ethernet 1Gb 4-port 331FLR Adapter
- HPE Ethernet 1Gb 4-port 331T Adapter
- HP Ethernet 1Gb 2-port 332i Adapter (22E8)
- HPE Ethernet 1Gb 2-port 332T Adapter

HPE Firmware Flash for Emulex Converged Network Adapters for VMware vSphere 6.7

Version: 2018.11.01 (Recommended) Filename: CP035921.compsig; CP035921.zip

#### **Important Note!**

Release Notes:

#### **HPE StoreFabric Emulex Adapter Release Notes**

Beginning with software release 11.2, Fibre Channel (LightPulse) adapters and Converged Network adapters (OneConnect) have independent software kits.

It is highly recommended that you review the Broadcom Software Kit Migration User Guide for more detailed information regarding this change.

To obtain the guide:

- 1. Go to <a href="http://www.hpe.com/support/manuals">http://www.hpe.com/support/manuals</a>
- 2. Using the HPE model number as your guide, enter the adapter model number in the Search products box, and then click >>.

This document provides special instructions and considerations for using the driver kits for FC and CNA adapters.

Special cases include those in which pre-11.2 (original) drivers and applications are replaced by the new 11.2 drivers and applications, and cases in which inbox drivers are replaced by the new 11.2 out-of-box (OOB) drivers.

## <u>Prerequisites</u>

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

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

## **Enhancements**

We have separate components to update fibre channel and converged network adapters. This is a converged network adapter update component.

Updated CNA (XE100 series) firmware

## **Firmware**

## Contains:

CNA (XE100 series) firmware 12.0.1110.11

## Supported Devices and Features

This component is supported on following Emulex Converged Network Adapters:

## XE100 Series:

- HP StoreFabric CN1200E Dual Port Converged Network Adapter
- HP FlexFabric 20Gb 2-port 650FLB Adapter

- HP FlexFabric 20Gb 2-port 650M Adapter
- HPE StoreFabric CN1200E-T Adapter

HPE Intel Online Firmware Upgrade Utility for VMware

Version: 3.9.0 (Optional)

Filename: CP037445.compsig; CP037445.zip

## **Important Note!**

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

- HPE Intel igbn Drivers for VMware, versions 2018.09.00 or later
- HPE Intel ixgben Drivers for VMware, versions 2018.09.00 or later
- HPE Intel i40en Drivers for VMware, versions 2018.09.00 or later

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

| NIC   | EEPROM/NVM<br>Version | OROM<br>Version | Single NVM<br>Version |  |  |
|---|-----------------------|-----------------|-----------------------|--|--|
| HP Ethernet 1Gb 2-port 361i Adapter               | 80000CD5              | 1.1904.0        | N/A                   |  |  |
| HP Ethernet 1Gb 2-port 361T Adapter               | 80000F91              | 1.1904.0        | N/A                   |  |  |
| HP Ethernet 1Gb 2-port 363i Adapter               | 80000D00              | 1.1904.0        | N/A                   |  |  |
| HP Ethernet 1Gb 1-port 364i Adapter               | 80000BEE              | 1.1904.0        | N/A                   |  |  |
| HP Ethernet 1Gb 4-port 366i Adapter               | 80000E24              | 1.1904.0        | N/A                   |  |  |
| HPE Ethernet 1Gb 4-port 366i Communication Board  | 80000EBF              | 1.1904.0        | N/A                   |  |  |
| HP Ethernet 1Gb 4-port 366FLR Adapter             | 80000F44              | 1.1904.0        | N/A                   |  |  |
| HP Ethernet 1Gb 4-port 366M Adapter               | 80000DA9              | 1.1904.0        | N/A                   |  |  |
| HP Ethernet 1Gb 4-port 366T Adapter               | 80000E81              | 1.1904.0        | N/A                   |  |  |
| HPE Ethernet 1Gb 2-port 368i Adapter              | 80001111              | 1.1904.0        | N/A                   |  |  |
| HPE Ethernet 1Gb 2-port 368FLR-MMT<br>Adapter     | 80001110              | 1.1904.0        | N/A                   |  |  |
| HPE Ethernet 1Gb 4-port 369i Adapter              | 80001112              | 1.1904.0        | N/A                   |  |  |
| HP Ethernet 10Gb 2-port 560FLB Adapter            | 800008F0              | 1.1904.0        | N/A                   |  |  |
| HP Ethernet 10Gb 2-port 560FLR-SFP+<br>Adapter    | 80000838              | 1.1904.0        | N/A                   |  |  |
| HP Ethernet 10Gb 2-port 560M Adapter              | 8000083D              | 1.1904.0        | N/A                   |  |  |
| HPE Ethernet 10Gb 2-port 560SFP+ Adapter          | 80000835              | 1.1904.0        | N/A                   |  |  |
| HP Ethernet 10Gb 2-port 561FLR-T Adapter          | 800005B6              | 1.1904.0        | N/A                   |  |  |
| HP Ethernet 10Gb 2-port 561T Adapter              | 80000636              | 1.1904.0        | N/A                   |  |  |
| HPE Ethernet 10Gb 2-port 568i Adapter             | 80001113              | 1.1904.0        | N/A                   |  |  |
| HPE Ethernet 10Gb 2-port 568FLR-MMSFP+<br>Adapter | 80001110              | 1.1904.0        | N/A                   |  |  |
| HPE Ethernet 10Gb 2-port 568FLR-MMT<br>Adapter    | 80001110              | 1.1904.0        | N/A                   |  |  |
| HPE Ethernet 10Gb 2-port 563i Adapter             | 800035C0              | 1.1375.0        | N/A                   |  |  |
| HPE Ethernet 10Gb 2-port 562FLR-SFP+<br>Adapter   | 800038C9              | 1.1904.0        | 10.3.5                |  |  |
| HPE Ethernet 10Gb 2-port 562FLR-T Adapter         | 80000BF1              | 1.1904.0        | 10.3.5                |  |  |
| HPE Ethernet 10Gb 2-port 562SFP+ Adapter          | 800038C8              | 1.1904.0        | 10.3.5                |  |  |
| HPE Ethernet 10Gb 2-port 562T Adapter             | 80000BF0              | 1.1904.0        | 10.3.5                |  |  |

The combo image v1.1904.0 includes: Boot Agent: 1GbE - v1.5.85, 10GbE - v2.4.16, 40GbE - v1.0.66 & UEFI Drivers: 1GbE - v8.3.10, 10GbE - v6.7.10, 40GbE - v3.0.11

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

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

## **Prerequisites**

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

## **Enhancements**

This product now supports VMware vSphere 6.7.

## Supported Devices and Features

This package supports the following network adapters:

- HP Ethernet 1Gb 2-port 361i Adapter
- HP Ethernet 1Gb 2-port 361T Adapter
- HP Ethernet 1Gb 2-port 363i Adapter
- HP Ethernet 1Gb 1-port 364i Adapter
- HP Ethernet 1Gb 4-port 366FLR Adapter
- HP Ethernet 1Gb 4-port 366i Adapter
- HPE Ethernet 1Gb 4-port 366i Communication Board
- HP Ethernet 1Gb 4-port 366M Adapter
- HP Ethernet 1Gb 4-port 366T Adapter
- HPE Ethernet 1Gb 2-port 368i Adapter
- HPE Ethernet 1Gb 2-port 368FLR-MMT Adapter
- HPE Ethernet 1Gb 4-port 369i Adapter
- HP Ethernet 10Gb 2-port 560FLB Adapter
- HP Ethernet 10Gb 2-port 560FLR-SFP+ Adapter
- HP Ethernet 10Gb 2-port 560SFP+ Adapter
- HP Ethernet 10Gb 2-port 560M Adapter
- HP Ethernet 10Gb 2-port 561FLR-T Adapter
- HP Ethernet 10Gb 2-port 561T Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port 563i Adapter
- HPE Ethernet 10Gb 2-port 568i Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 568FLR-MMSFP+ Adapter
- HPE Ethernet 10Gb 2-port 568FLR-MMT Adapter

HPE QLogic NX2 Online Firmware Upgrade Utility for VMware

Version: 1.23.3 (Optional)

Filename: CP037446.compsig; CP037446.zip

#### **Important Note!**

HPE recommends *HPE QLogic NX2 10/20GbE Multifunction Drivers for VMware*, versions 2018.09.00 or later, for use with this firmware.

This software package contains combo image v7.17.19 with the following firmware versions:

| NIC   | Boot Code<br>Version | PXE<br>Version | UEFI<br>Version | iSCSI<br>Version | FCoE<br>Version | CCM<br>Version | L2<br>Version |
|---|----------------------|----------------|-----------------|------------------|-----------------|----------------|---------------|
| HP Ethernet 10Gb 2-port 530SFP+ Adapter<br>HP Ethernet 10Gb 2-port 530T Adapter   | 7.15.24              | 7.14.13        | 8.2.9           | n/a              | n/a             | 7.14.4         | 7.12.25       |
| HP Ethernet 10Gb 2-port 533FLR-T Adapter HP FlexFabric 10Gb 2-port 534FLR-SFP+ Adapter HP FlexFabric 10Gb 2-port 534M Adapter HP FlexFabric 10Gb 2-port 536FLB Adapter HPE FlexFabric 10Gb 4-port 536FLR-T Adapter HPE FlexFabric 20Gb 2-port 630FLB Adapter HP FlexFabric 20Gb 2-port 630M Adapter HP StoreFabric CN1100R Dual Port Converged Network Adapter HPE StoreFabric CN1100R-T Converged Network Adapter HPE Synergy 3820C 10/20Gb Converged Network Adapter HPE Synergy 2820C 10Gb Converged Network Adapter | 7.15.24              | 7.14.13        | 8.2.9           | 7.14.0           | 7.14.3          | 7.14.4         | 7.12.25       |

## **Prerequisites**

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

## **Enhancements**

This product now supports VMware vSphere 6.7.

## Supported Devices and Features

This product supports the following network adapters:

- HP Ethernet 10Gb 2-port 530SFP+ Adapter
- HP Ethernet 10Gb 2-port 530T Adapter
- HP Ethernet 10Gb 2-port 533FLR-T Adapter
- HP FlexFabric 10Gb 2-port 534FLR-SFP+ Adapter
- HP FlexFabric 10Gb 2-port 534M Adapter
- HP FlexFabric 10Gb 2-port 536FLB Adapter
- HPE FlexFabric 10Gb 4-port 536FLR-T Adapter
- HP FlexFabric 20Gb 2-port 630FLB Adapter
- HP FlexFabric 20Gb 2-port 630M Adapter
- HP StoreFabric CN1100R Dual Port Converged Network Adapter
- HPE StoreFabric CN1100R-T Converged Network Adapter
- HPE Synergy 2820C 10Gb Converged Network Adapter
- HPE Synergy 3820C 10/20Gb Converged Network Adapter

### Firmware - NVDIMM

Top

Firmware Package - 16GB NVDIMM-N DDR4-2666

Version: 1.04 **(Recommended)** Filename: nvdimm-16gb\_1.04.fwpkg

#### **Fixes**

Initial relaese.

## **Enhancements**

Initial release.

## Firmware - Storage Controller

<u>Top</u>

Online ROM Flash Component for VMware ESXi – HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA

Controllers

Version: 4.21 (Optional)

Filename: CP037229.compsig; CP037229.zip

# Important Note!

• Power cycle / cold reboot is required if firmware is upgraded from version 1.31 or earlier.

## **Fixes**

The following issues are resolved in version 4.21:

- Expander may reset during heavy SSACLI polling
- SATA drives may take longer to spin up, not be initially detected, and then hot add later. This can prevent system boot or affect the logical drive status.

Online ROM Flash Component for VMware ESXi - HPE Apollo 2000 Gen10 Backplane Expander Firmware

Version: 1.00 (C) (Optional)

Filename: CP037611.compsig; CP037611.zip

# Important Note!

Customers who already installed firmware version 1.00 do not need to update to 1.00 (C).

Added support for VMware vSphere 6.7 OS

Online ROM Flash Component for VMware ESXi - HPE Apollo 2000 System - SAS Expander

Version: 1.00 (C) (Recommended)

Filename: CP035160.compsig; CP035160.zip

#### Important Note!

Customers who already have previous firmware version 1.00 installed do not need to update to 1.00(C).

#### **Enhancements**

Added VMware vSphere 6.7 OS support

Online ROM Flash Component for VMware ESXi - HPE Apollo 45xx Gen10 Backplane Expander Firmware

Version: 1.56 (C) (Optional)

Filename: CP037608.compsig; CP037608.zip

## **Important Note!**

Customers who already installed firmware version 1.56 do not need to update to 1.56 (C).

#### **Enhancements**

Added support for VMware vSphere 6.7 OS

Online ROM Flash Component for VMware ESXi - HPE Apollo 45xx Gen9 Backplane Expander Firmware

Version: 2.08 (B) (Optional)

Filename: CP035158.compsig; CP035158.zip

## Important Note!

Customers who already have firmware version 2.08 installed do not need to update to 2.08(B).

• Please un-plug and re-plug the power cord to the server for firmware upgrade from version 1.03 or earlier to take effect.

## **Enhancements**

Added VMware vSphere 6.7 OS support

Online ROM Flash Component for VMware ESXi - HPE Express Bay Enablement Switch Card

Version: 1.78 (B) (Optional) Filename: CP035193.zip

# Important Note!

Customers who already have firmware version 1.78 installed do not need to update to 1.78(B).

 $\bullet\,$  Power cycle / cold reboot is required after installation for updates to take effect.

## **Prerequisites**

• The HP ProLiant iLO firmware version must be v2.20 or later. If the HP ProLiant iLO firmware is older than v2.20 you will receive the following error message:

Check dependency failed.

Current version: iLOx x.xx

Minimum version required: iLO4 2.20

The software will not be installed on this system because the required hardware is not present in the system or the software/firmware doesn't apply to this system

Added VMware vSphere 6.7 OS support

Online ROM Flash Component for VMware ESXi - HPE SAS Expander Firmware for HPE D2500sb Storage Blade

Version: 2.00 (C) (Optional)

Filename: CP037690.compsig; CP037690.zip

### **Important Note!**

Customers who already installed firmware version 2.00 do not need to update to 2.00 (C).

 When using ESXi6.0 you must be at upgrade 3 or newer. The required SmartPQI driver is not present in earlier versions of the OS

### **Prerequisites**

When using ESXi6.0 you must be at upgrade 3 or newer. The required SmartPQI driver is not present in earlier versions of the OS

#### **Enhancements**

Added support for VMware vSphere 6.7 OS

Online ROM Flash Component for VMware ESXi - 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

Version: 1.65 (B) (Recommended)

Filename: CP037794.compsig; CP037794.zip

## **Important Note!**

Note: If version 1.65 was previously installed, then it is not necessary to upgrade to version 1.65 (B).

#### **Enhancements**

Added support for VMware vSphere 6.7 OS

### Firmware - Storage Fibre Channel

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HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7

Version: 2018.11.01 (Recommended) Filename: CP035924.compsig; CP035924.zip

### Important Note!

Release Notes:

## **HPE StoreFabric Emulex Adapter Release Notes**

Beginning with software release 11.2, Fibre Channel (LightPulse) adapters and Converged Network adapters (OneConnect) have independent software kits.

It is highly recommended that you review the Broadcom Software Kit Migration User Guide for more detailed information regarding this change.

To obtain the guide:

- 1. Go to <a href="http://www.hpe.com/support/manuals">http://www.hpe.com/support/manuals</a>
- 2. Using the HPE model number as your guide, enter the adapter model number in the Search products box, and then click >>.

This document provides special instructions and considerations for using the driver kits for FC and CNA adapters.

Special cases include those in which pre-11.2 (original) drivers and applications are replaced by the new 11.2 drivers and applications, and cases in which inbox drivers are replaced by the new 11.2 out-of-box (OOB) drivers.

## **Prerequisites**

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

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

We have separate components to update fibre channel and converged network adapters. This is a fibre channel update component.

Added support to the following:

8G Standup and Mezzanine:

#### BIOS:

Fabric assigned Boot Target/Logical Unit (LUN) to Fabric Assigned World Wide Name(FAWWN)

Updated 16/32 Gb HBA/Mezz universal boot Updated 16Gb HBA/Mezz universal boot Updated 8Gb HBA/Mezz universal boot

#### Contains:

16/32 Gb HBA/Mezz universal boot 11.4.334.10 6 Gb HBA/Mezz universal boot 11.4.334.11

8 Gb standup/mezz firmware 2.10X6

8 Gb standup/mezz universal boot image 11.40a13 (11.4.305.0 BIOS, 11.4.344.0 UEFI)

## **Supported Devices and Features**

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

## 8Gb FC:

- HP 81E 8Gb Single Port PCIe Fibre Channel Host Bus Adapter
- HP 82E 8Gb Dual Port PCIe Fibre Channel Host Bus Adapter
- HP LPe1205A 8Gb Fibre Channel Host Bus Adapter for BladeSystem c-Class
- HP StoreFabric 84E 4-Port Fibre Channel Host Bus Adapter

## LPe16000 (16Gb) FC:

- HP SN1000E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HP SN1000E 16Gb Single Port Fibre Channel Host Bus Adapter
- HP SN1100E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HP SN1100E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE StoreFabric SN1100E 4P 16Gb Fibre Channel Host Bus Adapter
- HP Fibre Channel 16Gb LPe1605 Mezz
- HPE Synergy 3530C 16Gb Fibre Channel Host Bus Adapter

## LPe31000/32000 (16Gb/32Gb) FC:

- HPE StoreFabric SN1200E 16Gb 2P FC HBA
- HPE StoreFabric SN1200E 16Gb 1P FC HBA
- HPE StoreFabric SN1600E 32Gb 2p FC HBA
- HPE StoreFabric SN1600E 32Gb 1p FC HBA

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7

Version: 2018.11.01 (Recommended) Filename: CP035933.compsig; CP035933.zip

## Important Note!

HPE StoreFabric QLogic Adapter Release Notes

## **Prerequisites**

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

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

The HPE supplied Qlogic driver must be installed prior to this firmware component being identified by SUM for deployment. The OOB driver is available on the Service Pack for ProLiant (SPP) which is available at <a href="http://www.hpe.com/servers/spp/download/">http://www.hpe.com/servers/spp/download/</a>

### **Fixes**

Fixed the following

8Gb Standup & 8Gb Mezzanine

- Firmware Management Protocol now supports flashing older Multiboot versions.
- Firmware Management Protocol SetImage no longer displays dots on the screen.
- The following HII (Human Interface Infrastructure) fields now require a reboot after value change: Legacy BIOS (Basic Input Output System) Selectable Boot

## 16Gb Standup & 16Gb Mezzanine

#### **Firmware**

- Bring up up-link in 32G or 16G optical environment (FEC (Forward Error Correction) only) when connected with remote device that is not setting the SN bit to zero and TC bit to 1 at the same time during the speed negotiation phase and delays transmitting NOS during LQT phase.
- Dropped FCP\_CMD frame by a virtual port (VP index greater than 0) logged into the fabric via Fabric Login (FLOGI) while the primary adapter port (VPO) was disabled via Global VP (Virtual Port) Options bit 2 of Initialize Multi-ID Firmware MBC (0048h).

#### **UEFI**

- Firmware Management Protocol now supports flashing older Multiboot versions.
- Firmware Management Protocol SetImage no longer displays dots on the screen.
- The following HII (Human Interface Infrastructure) fields now require a reboot after value change: Fabric Assigned WWPN (World Wide Port Name), Fabric Assigned Boot Logical Unit (LUN), Legacy BIOS (Basic Input Output System) Selectable Boot.

#### 16Gb/32Gb Standup

#### **Firmware**

• Bring up up-link in 32G or 16G optical environment (FEC (Forward Error Correction) only) when connected with remote device that is not setting the SN bit to zero and TC bit to 1 at the same time during the speed negotiation phase and delays transmitting NOS during LQT phase.

### **UEFI**

- Firmware Management Protocol now supports flashing older Multiboot versions.
- Firmware Management Protocol SetImage no longer displays dots on the screen.
- The following HII (Human Interface Infrastructure) fields now require a reboot after value change:
   FC (Fibre Channel) Tape, Fabric Assigned WWPN (World Wide Port Name), Fabric Assigned Boot LUN (Logical Unit), Legacy BIOS (Basic Input Output System) Selectable Boot.
- Changed Legacy BIOS (Basic Input Output System) Selectable Boot HII (Human Interface Infrastructure) default to Enabled.

## **Enhancements**

Added support for the following:

## 16Gb Standup & 16Gb Mezzanine

Power Loss calculation in D\_port (Destination port) operation.

## 16Gb/32Gb Standup

- Power Loss calculation in D\_port (Destination port) operation.
- Support maximum training timeout for 32Gbps data rate per FC-FS-4 (Fibre Channel Framing and Signaling) specification.

Updated the Firmware/BIOS/UEFI packages for 8 Gb, 16 Gb and 32 Gb products.

- 8 Gb HBA/Mezz
  - Package 3.77.08
  - Firmware 8.07.00
  - UEFI 6.64
  - BIOS 3.56
- 16 Gb HBA/Mezz
  - Package 6.01.59
  - Firmware 8.07.16
  - UEFI 6.63
  - BIOS 3.43
- 16/32 Gb
  - Package 01.70.85
  - Firmware 8.07.18
  - UEFI 6.47

#### **Supported Devices and Features**

This firmware supports the following HPE adapters:

#### 8Gb FC:

- HP 81Q PCIe Fibre Channel Host Bus Adapter
- HP 82Q 8Gb Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE StoreFabric 84Q 4P 8Gb Fibre Channel HBA
- HP QMH2572 8Gb Fibre Channel Host Bus Adapter for c-Class BladeSystem

## 16Gb FC:

- HP QMH2672 16Gb Fibre Channel Host Bus Adapter for c-Class BladeSystem
- HP StoreFabric SN1000Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter
- HP StoreFabric SN1000Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter
- HP StoreFabric SN1100Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter
- HP StoreFabric SN1100Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter
- HPE Synergy 3830C 16G Fibre Channel Host Bus Adapter

## 32Gb FC:

- HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

## Software - Management

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HPE Management Bundle Smart Component for ESXi 6.7

Version: 2018.11.01 (Recommended) Filename: cp037586.compsig; cp037586.zip

## **Fixes**

## **Agentless Management Service**

- Fixed reporting of HPE Software in the cpqHoSwVer MIB to resolve blank Active versions for installed drivers displayed in SUM.
- Fixed AMS crash when processing a Link Down/Up Trap for a NIC port that has multiple IPV6 addresses.

## Software - Storage Fibre Channel

<u>Top</u>

Emulex Fibre Channel driver component for VMware vSphere 6.7

Version: 2018.11.01 (Recommended) Filename: cp035927.compsig; cp035927.zip

## Important Note!

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

Beginning with software release 11.2, Fibre Channel (LightPulse) adapters and Converged Network adapters (OneConnect) have independent software kits.

It is highly recommended that you review the Broadcom Software Kit Migration User Guide for more detailed information regarding this change.

To obtain the guide:

- 1. Go to <a href="http://www.hpe.com/support/manuals">http://www.hpe.com/support/manuals</a>
- 2. Using the HPE model number as your guide, enter the adapter model number in the Search products box, and then click >>.

This document provides special instructions and considerations for using the driver kits for FC and CNA adapters.

Special cases include those in which pre-11.2 (original) drivers and applications are replaced by the new 11.2 drivers and applications, and cases in which inbox drivers are replaced by the new 11.2 out-of-box (OOB) drivers.

#### **Prerequisites**

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

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

Beginning with software release 11.2, Fibre Channel (LightPulse) adapters and Converged Network adapters (OneConnect) have independent software kits.

It is highly recommended that you review the Broadcom Software Kit Migration User Guide for more detailed information regarding this change.

To obtain the guide:

- 1. Go to <a href="http://www.hpe.com/support/manuals">http://www.hpe.com/support/manuals</a>
- 2. Using the HPE model number as your guide, enter the adapter model number in the Search products box, and then click >>.

This document provides special instructions and considerations for using the driver kits for FC and CNA adapters.

Special cases include those in which pre-11.2 (original) drivers and applications are replaced by the new 11.2 drivers and applications, and cases in which inbox drivers are replaced by the new 11.2 out-of-box (OOB) drivers.

### <u>Fixes</u>

Fixed the following:

- unexpected behavior with incomplete path reporting that would cause an unexpectedly high number of dropped frames reported by the target and driver
- driver abort request to properly abort ELS (Extended Link Services) command

## **Enhancements**

Updated to driver version 11.4.341.0

## Supported Devices and Features

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

#### 8Gb FC:

- HP 81E 8Gb Single Port PCIe Fibre Channel Host Bus Adapter
- HP 82E 8Gb Dual Port PCIe Fibre Channel Host Bus Adapter
- HP LPe1205A 8Gb Fibre Channel Host Bus Adapter for BladeSystem c-Class
- HP StoreFabric 84E 4-Port Fibre Channel Host Bus Adapter

## LPe16000 (16Gb) FC:

- HP SN1000E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HP SN1000E 16Gb Single Port Fibre Channel Host Bus Adapter
- HP SN1100E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HP SN1100E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE StoreFabric SN1100E 4P 16Gb Fibre Channel Host Bus Adapter
- HP Fibre Channel 16Gb LPe1605 Mezz
- HPE Synergy 3530C 16Gb Fibre Channel Host Bus Adapter

## LPe31000/32000 (16Gb/32Gb) FC:

- HPE StoreFabric SN1200E 16Gb 2P FC HBA
- HPE StoreFabric SN1200E 16Gb 1P FC HBA
- HPE StoreFabric SN1600E 32Gb 2p FC HBA
- HPE StoreFabric SN1600E 32Gb 1p FC HBA

Emulex(BRCM) Fibre Channel over Ethernet driver for VMware vSphere 6.7

Version: 2018.11.01 (Recommended) Filename: cp035918.compsig; cp035918.zip

### Important Note!

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

Beginning with software release 11.2, Fibre Channel (LightPulse) adapters and Converged Network adapters (OneConnect) have independent software kits.

It is highly recommended that you review the Broadcom Software Kit Migration User Guide for more detailed information regarding this change.

To obtain the guide:

- 1. Go to <a href="http://www.hpe.com/support/manuals">http://www.hpe.com/support/manuals</a>
- 2. Using the HPE model number as your guide, enter the adapter model number in the Search products box, and then click >>.

This document provides special instructions and considerations for using the driver kits for FC and CNA adapters.

Special cases include those in which pre-11.2 (original) drivers and applications are replaced by the new 11.2 drivers and applications, and cases in which inbox drivers are replaced by the new 11.2 out-of-box (OOB) drivers.

## **Prerequisites**

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

### http://www.hpe.com/storage/spock/

Beginning with software release 11.2, Fibre Channel (LightPulse) adapters and Converged Network adapters (OneConnect) have independent software kits.

It is highly recommended that you review the Broadcom Software Kit Migration User Guide for more detailed information regarding this change.

To obtain the guide:

- 1. Go to <a href="http://www.hpe.com/support/manuals">http://www.hpe.com/support/manuals</a>
- 2. Using the HPE model number as your guide, enter the adapter model number in the Search products box, and then click >>.

This document provides special instructions and considerations for using the driver kits for FC and CNA adapters.

Special cases include those in which pre-11.2 (original) drivers and applications are replaced by the new 11.2 drivers and applications, and cases in which inbox drivers are replaced by the new 11.2 out-of-box (OOB) drivers.

## **Enhancements**

Updated to Driver version 12.0.1115.0

#### Supported Devices and Features

This component is supported on following Emulex Converged Network Adapters:

#### XE100 Series:

- HP StoreFabric CN1200E Dual Port Converged Network Adapter
- HP FlexFabric 20Gb 2-port 650FLB Adapter
- HP FlexFabric 20Gb 2-port 650M Adapter
- HP FlexFabric 10Gb 2-port 556FLR-SFP+ Adapter
- HPE FlexFabric 10Gb 2-port 556FLR-T Adapter
- HPE StoreFabric CN1200E-T Adapter

QLogic Fibre Channel driver component for VMware vSphere 6.7

Version: 2018.11.01 (Recommended) Filename: cp035930.compsig; cp035930.zip

## Important Note!

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

## **Prerequisites**

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

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

## <u>Fixes</u>

This driver verson resolves the following:

- Driver is selecting to run LB (Loopback) rather than echo for F\_Port
- If the SNS (Storage Name Service) fabric login appears incomplete, it would not be retried.
- If switch domain controller continuously tries to login, there exists a window where driver database and firmware database can go out of sync causing fabric discovery incomplete, and the login retry count is exhausted.
- The driver does not report minimum speeds correctly for 16G and 32G adapters.
- Echo ELS (Extended Link Services) test using QCC (QLogic Converge Console) CLI (Command Line Interface) was incomplete with invalid WWPN (World Wide Port Name) status.
- Re-login is being triggered too fast.
- Inquiry response snooping does not take into account the possibility of multiple scatter gather elements.
- Target devices are temporarily not accessible when the link toggle occurs on one of the target device paths.

- Driver would not send the full RDP (Read Diagnostic Parameter) response with a switch port that was not in the logged in
- Driver was advertising 1G speed support for 8G adapters.
- FDMI (Fabric Device Management Interface) info showing incorrect supported speeds for 16G mezzanine adapters in FDMI (Fabric Device Management Interface).

Driver version 3.1.8.0

Added support for the following:

- IOCB (I/O Control Block) based fabric priority per logged in FC (Fibre Channel) port.
- Enable Priority Tagging VM-ID (Virtual Machine Identification Data) support
- Update ISP25XX FW (Firmware) to version 8.07.00
- End-to-End QoS (Quality of Service) fabric priority support

## Supported Devices and Features

This driver supports the following HPE adapters:

#### 8Gb FC:

- HP 81Q PCIe Fibre Channel Host Bus Adapter
- HP 82Q 8Gb Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE StoreFabric 84Q 4P 8Gb Fibre Channel HBA
- HP QMH2572 8Gb Fibre Channel Host Bus Adapter for c-Class BladeSystem

## 16Gb FC:

- HP QMH2672 16Gb Fibre Channel Host Bus Adapter for c-Class BladeSystem
- HP StoreFabric SN1000Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter
- HP StoreFabric SN1000Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter
- HP StoreFabric SN1100Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter
- HP StoreFabric SN1100Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter
- HPE Synergy 3830C 16G Fibre Channel Host Bus Adapter

### 32Gb FC:

- HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

## Software - System Management

Top

HPE ESXi Offline Bundle for VMware vSphere 6.7

Version: 3.3.6 (Recommended)

Filename: esxi6.7uX-mgmt-bundle-3.3.6-2.zip

## **Fixes**

## Agentless Management Service

- Fixed reporting of HPE Software in the cpqHoSwVer MIB to resolve blank Active versions for installed drivers displayed in
- Fixed AMS crash when processing a Link Down/Up Trap for a NIC port that has multiple IPV6 addresses.

# Supported Devices and Features

VMware vSphere version support:

VMware vSphere 6.7

HPE ESXi Utilities Offline Bundle for VMware vSphere 6.7

Version: 3.3.0 (Recommended)

Filename: esxi6.7-util-bundle-3.3.0-9.zip

#### Important Note!

Refer to the HPE VMware Utilities Guide for VMware vSphere 6.7 U1 for October 2018 which is located at

Updated the Smart Storage Array Command Line Interface (SSACLI) utility

## Supported Devices and Features

VMware vSphere version support:

- VMware vSphere 6.7
- VMware vSphere 6.7 U1

HPE Smart Storage Administrator (HPE SSA) CLI for VMware 6.7

Version: 3.30.14.0 (Recommended) Filename: ssacli-3.30.14.0-6.7.0.vib

#### **Important Note!**

It is recommended to update to this 3.30.13.0 version of HPE Smart Storage Administrator if you update your system BIOS using the 2018.06 version of SPP. Any array created with the BIOS configuration utility from the 2018.06 version of SPP will not be accessible with an older version of HPE Smart Storage Administrator.

## **Enhancements**

· Added the ability to enable or disable Drive Write Cache for configured and unconfigured drives

Integrated Smart Update Tools for VMware ESXi 6.7 (Gen10 Snap3)

Version: 2.3.6 (Recommended)

Filename: sut-esxi6.7-bundle-2.3.6-21.zip

## **Important Note!**

Integrated Smart Update Tools for ESXi provides support for firmware and driver updates via iLO Repository

## <u>Fixes</u>

First version.

Get connected hpe.com/info/getconnected

Current HPE driver, support, and security alerts delivered directly to your desktop

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