VMware Deliverable Release Notes

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

[HPE Integrity Superdome X](#)
[HPE Superdome Flex](#)

Information on HPE Synergy supported VMware ESXi OS releases, HPE ESXi Custom Images and HPE Synergy SPPs is available at:

[VMware OS Support Tool for HPE Synergy](#)

For more information on HPE Synergy Software Releases, see the following link:

[HPE Synergy Software Releases - Overview](#)

VMware Upgrade Pack 1.1.2 Release Notes for VMware ESXi 7.0

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Note:

VMware Upgrade Pack 1.1A replaces VMware Upgrade Pack 1.1 and VMware Upgrade Pack 1.0 to provide an updated bootloader to address the UEFI Secure Boot Evasion Vulnerability aka BootHole.

For more information see:
https://www.hpe.com/us/en/services/security-vulnerability.html

Documentation and downloads for the VMware Upgrade Pack 1.1 and VMware Upgrade Pack 1.0 releases are no longer available.

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ROM Flash Firmware Package - HPE Apollo 2000 Gen10/HPE ProLiant XL170r/XL190r Gen10 (U38) Servers
Version: 2.32_03-09-2020 (B) **(Critical)**
Filename: U38_2.32_03_09_2020.fwpkg

Important Note!

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Deliverable Name:

HPE Apollo 2000 Gen10/ProLiant XL170r/XL190r Gen10 System ROM - U38

Release Version:

2.32_03-09-2020

Last Recommended or Critical Revision:

2.32_03-09-2020

Previous Revision:

2.30_02-11-2020

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

ROM Flash Firmware Package - HPE Apollo 4200 Gen10/HPE ProLiant XL420 Gen10 (U39) Servers
Version: 2.32_03-09-2020 (B) **(Critical)**
Filename: U39_2.32_03_09_2020.fwpkg

Important Note!

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Deliverable Name:

HPE Apollo 4200 Gen10/HPE ProLiant XL420 Gen10 System ROM - U39

Release Version:

2.32_03-09-2020

Last Recommended or Critical Revision:

2.32_03-09-2020

Previous Revision:

2.30_02-11-2020

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

ROM Flash Firmware Package - HPE Apollo 4510 Gen10/HPE ProLiant XL450 Gen10 (U40) Servers
Version: 2.32_03-09-2020 (B) **(Critical)**
Filename: U40_2.32_03_09_2020.fwpkg

Important Note!

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Deliverable Name:

HPE Apollo 4510 Gen10/HPE ProLiant XL450 Gen10 System ROM - U40

Release Version:

2.32_03-09-2020

Last Recommended or Critical Revision:

2.32_03-09-2020

Previous Revision:

2.30_02-11-2020

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not

impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

ROM Flash Firmware Package - HPE ProLiant BL460c Gen10 (I41) Servers
Version: 2.32_03-09-2020 (B) **(Critical)**
Filename: I41_2.32_03_09_2020.fwpkg

Important Note!

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Deliverable Name:

HPE ProLiant BL460c Gen10 System ROM - I41

Release Version:

2.32_03-09-2020

Last Recommended or Critical Revision:

2.32_03-09-2020

Previous Revision:

2.30_02-11-2020

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

ROM Flash Firmware Package - HPE ProLiant DL160 Gen10/DL180 Gen10 (U31) Servers

Version: 2.32_03-09-2020 (B) **(Critical)**
Filename: U31_2.32_03_09_2020.fwpkg

Important Note!

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Deliverable Name:

HPE ProLiant DL160 Gen10/DL180 Gen10 System ROM - U31

Release Version:

2.32_03-09-2020

Last Recommended or Critical Revision:

2.32_03-09-2020

Previous Revision:

2.30_02-11-2020

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

ROM Flash Firmware Package - HPE ProLiant DL20 Gen10 (U43) Servers
Version: 2.14_03-09-2020 (B) **(Critical)**
Filename: U43_2.14_03_09_2020.fwpkg

Important Note!

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.14_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.14_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.14_03-09-2020.

Deliverable Name:

HPE ProLiant DL20 Gen10 System ROM - U43

Release Version:

2.14_03-09-2020

Last Recommended or Critical Revision:

2.14_03-09-2020

Previous Revision:

2.12_12-06-2019

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.14_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.14_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.14_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

ROM Flash Firmware Package - HPE ProLiant DL325 Gen10 (A41) Servers
Version: 2.36_03-09-2020 (B) **(Critical)**
Filename: A41_2.36_03_09_2020.fwpkg

Important Note!

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.36_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.36_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.36_03-09-2020.

Deliverable Name:

HPE ProLiant DL325 Gen10 System ROM - A41

Release Version:

2.36_03-09-2020

Last Recommended or Critical Revision:

2.36_03-09-2020

Previous Revision:

2.34_02-18-2020

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.36_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.36_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.36_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

ROM Flash Firmware Package - HPE ProLiant DL360 Gen10 (U32) Servers
Version: 2.32_03-09-2020 (B) **(Critical)**
Filename: U32_2.32_03_09_2020.fwpkg

Important Note!

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Deliverable Name:

HPE ProLiant DL360 Gen10 System ROM - U32

Release Version:

2.32_03-09-2020

Last Recommended or Critical Revision:

2.32_03-09-2020

Previous Revision:

2.30_02-11-2020

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

ROM Flash Firmware Package - HPE ProLiant DL380 Gen10 (U30) Servers
Version: 2.32_03-09-2020 (B) **(Critical)**
Filename: U30_2.32_03_09_2020.fwpkg

Important Note!

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Deliverable Name:

HPE ProLiant DL380 Gen10 System ROM - U30

Release Version:

2.32_03-09-2020

Last Recommended or Critical Revision:

2.32_03-09-2020

Previous Revision:

2.30_02-11-2020

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

ROM Flash Firmware Package - HPE ProLiant DL385 Gen10 (A40) Servers
Version: 2.36_03-09-2020 (B) **(Critical)**
Filename: A40_2.36_03_09_2020.fwpkg

Important Note!

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.36_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.36_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.36_03-09-2020.

Deliverable Name:

HPE ProLiant DL385 Gen10 System ROM - A40

Release Version:

2.36_03-09-2020

Last Recommended or Critical Revision:

2.36_03-09-2020

Previous Revision:

2.34_02-18-2020

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.36_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.36_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.36_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

ROM Flash Firmware Package - HPE ProLiant DL560 Gen10/DL580 Gen10 (U34) Servers
Version: 2.32_03-09-2020 (B) **(Critical)**
Filename: U34_2.32_03_09_2020.fwpkg

Important Note!

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Deliverable Name:

HPE ProLiant DL560 Gen10/DL580 Gen10 System ROM - U34

Release Version:

2.32_03-09-2020

Last Recommended or Critical Revision:

2.32_03-09-2020

Previous Revision:

2.30_02-11-2020

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

ROM Flash Firmware Package - HPE ProLiant MicroServer Gen10 Plus (U48) Servers
Version: 2.10_03-09-2020 (B) **(Critical)**
Filename: U48_2.10_03_09_2020.fwpkg

Important Note!

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.10_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.10_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.10_03-09-2020.

Deliverable Name:

HPE ProLiant MicroServer Gen10 Plus System ROM - U48

Release Version:

2.10_03-09-2020

Last Recommended or Critical Revision:

2.10_03-09-2020

Previous Revision:

2.00_12-06-2019

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.10_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.10_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.10_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

ROM Flash Firmware Package - HPE ProLiant ML110 Gen10 (U33) Servers
Version: 2.32_03-09-2020 (B) **(Critical)**
Filename: U33_2.32_03_09_2020.fwpkg

Important Note!

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Deliverable Name:

HPE ProLiant ML110 Gen10 System ROM - U33

Release Version:

2.32_03-09-2020

Last Recommended or Critical Revision:

2.32_03-09-2020

Previous Revision:

2.30_02-11-2020

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

ROM Flash Firmware Package - HPE ProLiant ML30 Gen10 (U44) Servers
Version: 2.14_03-09-2020 (B) **(Critical)**
Filename: U44_2.14_03_09_2020.fwpkg

<u>Important Note!</u>

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.14_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.14_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.14_03-09-2020.

Deliverable Name:

HPE ProLiant ML30 Gen10 System ROM - U44

Release Version:

2.14_03-09-2020

Last Recommended or Critical Revision:

2.14_03-09-2020

Previous Revision:

2.12_12-06-2019

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

<u>Fixes</u>

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.14_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.14_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.14_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

ROM Flash Firmware Package - HPE ProLiant ML350 Gen10 (U41) Servers
Version: 2.32_03-09-2020 (B) **(Critical)**
Filename: U41_2.32_03_09_2020.fwpkg

<u>Important Note!</u>

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Deliverable Name:

HPE ProLiant ML350 Gen10 System ROM - U41

Release Version:

2.32_03-09-2020

Last Recommended or Critical Revision:

2.32_03-09-2020

Previous Revision:

2.30_02-11-2020

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

ROM Flash Firmware Package - HPE ProLiant XL230k Gen10 (U37) Server
Version: 2.32_03-09-2020 (B) **(Critical)**
Filename: U37_2.32_03_09_2020.fwpkg

Important Note!

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Deliverable Name:

HPE ProLiant XL230k Gen10 System ROM - U37

Release Version:

2.32_03-09-2020

Last Recommended or Critical Revision:

2.32_03-09-2020

Previous Revision:

2.30_02-11-2020

Firmware Dependencies:

None

Enhancements/New Features:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support. Please see advisory: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00097734en_us

Ver. 2.32_03-09-2020(B) contains updates to the firmware packaging and is functionally equivalent to ver. 2.32_03-09-2020. It is not necessary to upgrade with Revision B if a previous component revision was used to upgrade the firmware to version 2.32_03-09-2020.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as single RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

Known Issues:

None

Driver - Lights-Out Management   **Top**

HPE iLO Native Driver for ESXi 7.0
Version: 10.1.0 **(Recommended)**
Filename: ilo_driver_700.10.1.0.16_1OEM.700.0.0.14828939_signed_component_15675746.zip

Enhancements

Support for VMware ESXi 7.0

Driver - Network   **Top**

HPE Blade Intel ixgben Driver for VMware vSphere 7.0
Version: 2020.06.01 **(Optional)**
Filename: cp041435.compsig; cp041435.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 Blade Intel Online Firmware Upgrade Utility for VMware*, version 1.1.2 or later, for use with this driver.

Enhancements

Initial release.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 560FLB Adapter
- HPE Ethernet 10Gb 2-port 560M Adapter

HPE Blade QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 7.0
Version: 2020.06.01 **(Optional)**
Filename: cp041436.compsig; cp041436.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 Blade QLogic NX2 Online Firmware Upgrade Utility for VMware*, version 1.1.1 or later, for use with this driver.

Enhancements

Initial release.

Supported Devices and Features

These drivers support the following network adapters:

- HPE FlexFabric 10Gb 2-port 534M Adapter
- HPE FlexFabric 10Gb 2-port 536FLB Adapter
- HPE FlexFabric 20Gb 2-port 630FLB Adapter
- HPE FlexFabric 20Gb 2-port 630M Adapter

HPE Intel i40en Driver for VMware vSphere 7.0
Version: 2020.05.29 **(Optional)**
Filename: cp041295.compsig; cp041295.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 Intel Online Firmware Upgrade Utility for VMware*, version 3.12.50 or later, for use with this driver.

Enhancements

Initial release.

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 7.0
Version: 2020.05.29 **(Optional)**
Filename: cp041296.compsig; cp041296.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 Intel Online Firmware Upgrade Utility for VMware*, version 3.12.50 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 4-port 366FLR Adapter
- HP Ethernet 1Gb 4-port 366i Adapter
- HPE Ethernet 1Gb 4-port 366i Communication Board
- HP Ethernet 1Gb 4-port 366T Adapter

HPE Intel ixgben Driver for VMware vSphere 7.0
Version: 2020.05.29 **(Optional)**
Filename: cp041297.compsig; cp041297.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 Intel Online Firmware Upgrade Utility for VMware*, version 3.12.50 or later, for use with this driver.

Enhancements

Initial release.

Supported Devices and Features

These drivers support the following network adapters:

- HP Ethernet 10Gb 2-port 560FLR-SFP+ Adapter
- HP Ethernet 10Gb 2-port 560SFP+ 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 7.0
Version: 2020.05.29 **(Optional)**
Filename: cp041271.compsig; cp041271.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 4.11.50 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 10Gb 2-port 524SFP+ Adapter
- HPE Ethernet 10/25Gb 2-port 621SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 622FLR-SFP28 Converged Network Adapter

HPE StoreFabric CN1200R-T Converged Network Adapter
- HPE StoreFabric CN1300R Converged Network Adapter

HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 7.0
Version: 2020.05.29 **(Optional)**
Filename: cp041163.compsig; cp041163.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 1.26.50 or later, for use with this driver.

Enhancements

Initial release.

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 StoreFabric CN1100R Dual Port Converged Network Adapter
- HPE StoreFabric CN1100R-T Dual Port Converged Network Adapter

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Driver - System Management
HPE CRU Native Driver for ESXi 7.0
Version: 7.0.10 **(Recommended)**
Filename: cru_driver_700.10.16_1OEM.700.0.0.14828939_signed_component_15675715.zip

Enhancements

Support for VMware ESXi 7.0

Firmware - Network
HPE Blade Intel Online Firmware Upgrade Utility for VMware
Version: 1.1.2 **(Optional)**
Filename: CP042573.compsig; CP042573.zip

Important Note!

HPE recommends the *HPE Blade Intel ixgben Driver for VMware vSphere 7.0*, version 2020.06.01 or later, for use with this firmware.

HPE recommends the *HPE Blade Intel ixgben Driver for VMware vSphere 6.7*, version 2019.12.20 or later, for use with this firmware.

HPE recommends the *HPE Blade Intel ixgben Driver for VMware vSphere 6.5*, version 2019.12.20 or later, for use with this firmware.

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 ESXi 7.0.

Supported Devices and Features

This package supports the following network adapters:

- HPE Ethernet 10Gb 2-port 560FLB Adapter
- HPE Ethernet 10Gb 2-port 560M Adapter

HPE Blade QLogic NX2 Online Firmware Upgrade Utility for VMware
Version: 1.1.1 **(Optional)**
Filename: CP042923.compsig; CP042923.zip

Important Note!

HPE recommends the *HPE Blade QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 7.0*, version 2020.06.01 or later, for use with this firmware.

HPE recommends the *HPE Blade QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.7*, version 2019.12.20 or later, for use with this firmware.

HPE recommends the *HPE Blade QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.5*, version 2019.12.20 or later, for use with this firmware.

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 7.0.

Supported Devices and Features

This product supports the following network adapters:

- HPE FlexFabric 10Gb 2-port 534M Adapter
- HPE FlexFabric 10Gb 2-port 536FLB Adapter
- HPE FlexFabric 20Gb 2-port 630FLB Adapter
- HPE FlexFabric 20Gb 2-port 630M Adapter

HPE Firmware Flash for Emulex Converged Network Adapters for VMware vSphere 7.0
Version: 2019.12.01 **(Recommended)**
Filename: CP041426.compsig; CP041426.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 http://www.hpe.com/support/manuals
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/

Enhancements

Updated CNA (XE100 series) firmware

Firmware

Contains:

CNA (XE100 series) firmware 12.0.1280.5

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: 3.12.51 **(Optional)**
Filename: CP043059.compsig; CP043059.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 2020.05.29
- *HPE Intel ixgben Drivers for VMware*, versions 2020.05.29
- *HPE Intel i40en Drivers for VMware*, versions 2020.05.29

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

NIC	EEPROM/NVM Version	OROM Version	Single NVM Version
HP Ethernet 1Gb 2-port 361i Adapter	8000106F	1.2529.0	N/A
HP Ethernet 1Gb 2-port 361T Adapter	80000F91	1.2529.0	N/A
HP Ethernet 1Gb 2-port 363i Adapter	80000D00	1.2529.0	N/A
HPE Ethernet 1Gb 4-port 366i Communication Board	80000EBF	1.2529.0	N/A
HP Ethernet 1Gb 4-port 366i Adapter	8000105E	1.2529.0	N/A
HP Ethernet 1Gb 4-port 366FLR Adapter	80001060	1.2529.0	N/A
HP Ethernet 1Gb 4-port 366T Adapter	8000105F	1.2529.0	N/A
HPE Ethernet 1Gb 2-port 368i Adapter	80001DEA	1.2529.0	N/A
HPE Ethernet 1Gb 2-port 368FLR-MMT Adapter	80001DE9	1.2529.0	N/A
HPE Ethernet 1Gb 4-port 369i Adapter	80001DEC	1.2529.0	N/A
HP Ethernet 10Gb 2-port 560FLR-SFP+ Adapter	80000838	1.2529.0	N/A
HPE Ethernet 10Gb 2-port 560SFP+ Adapter	80000835	1.2529.0	N/A
HPE Ethernet 10Gb 2-port 568i Adapter	80001DEE	1.2529.0	N/A
HPE Ethernet 10Gb 2-port 568FLR-MMSFP+ Adapter	80001DE9	1.2529.0	N/A
HPE Ethernet 10Gb 2-port 568FLR-MMT Adapter	80001DE9	1.2529.0	N/A
HPE Ethernet 10Gb 2-port 563i Adapter	800035C0	1.1375.0	N/A

HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	8000641A	1.2529.0	10.51.5
HPE Ethernet 10Gb 2-port 562FLR-T Adapter	80000F56	1.2529.0	10.51.3
HPE Ethernet 10Gb 2-port 562SFP+ Adapter	80006424	1.2529.0	10.51.5
HPE Ethernet 10Gb 2-port 562T Adapter	80000F55	1.2529.0	10.51.3

The combo image v1.2529.0 includes: Boot Agent: 1GbE - v1.5.88, 10GbE - v2.4.34, 40GbE - v1.1.10 & UEFI Drivers: 1GbE - v9.0.03, 10GbE - v7.4.06, 40GbE - v3.9.11

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 7.0.

Supported Devices and Features

This package supports the following network adapters:

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

HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware
Version: 4.11.51 **(Optional)**
Filename: CP043061.compsig; CP043061.zip

Important Note!

HPE recommends *HPE QLogic FastLinQ 10/25/50GbE Multifunction Drivers for VMware*, versions 2020.05.29 or later, for use with this firmware.

This software package contains combo image v8.50.22. This combo image includes: Boot Code (MFW): 8.50.9.0, UEFI: 4.1.9.2 and PXE: 2.0.19. The users will only see the combo image versions in the interactive mode firmware update or while using HPSUM/SPP to update the firmware on the supported adapters.

Prerequisites

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

Enhancements

This product now supports VMware vSphere 7.0.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 524SFP+ Adapter
- HPE Ethernet 10Gb 2-port 521T Adapter
- HPE Ethernet 10/25Gb 2-port 622FLR-SFP28 Converged Network Adapter
- HPE Ethernet 10/25Gb 2-port 621SFP28 Adapter
- HPE StoreFabric CN1300R Converged Network Adapter
- HPE StoreFabric CN1200R-T Converged Network Adapter

HPE QLogic NX2 Online Firmware Upgrade Utility for VMware
Version: 1.26.51 **(Optional)**
Filename: CP043062.compsig; CP043062.zip

Important Note!

HPE recommends HPE QLogic NX2 10/20GbE Multifunction Drivers for VMware, versions 2020.05.29 or later, for use with this firmware.

This software package contains combo image v7.18.23 with the following firmware versions:

NIC	Boot Code Version	PXE Version	UEFI Version	iSCSI Version	FCoE Version	CCM Version	L2 Version
HP Ethernet 10Gb 2-port 530SFP+ Adapter HP Ethernet 10Gb 2-port 530T Adapter	7.15.77	7.14.13	8.4.2	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 HPE FlexFabric 10Gb 4-port 536FLR-T Adapter HP StoreFabric CN1100R Dual Port Converged Network Adapter HPE StoreFabric CN1100R-T Converged Network Adapter	7.15.77	7.14.13	8.4.2	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 7.0.

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
- HPE FlexFabric 10Gb 4-port 536FLR-T Adapter
- HP StoreFabric CN1100R Dual Port Converged Network Adapter
- HPE StoreFabric CN1100R-T Converged Network Adapter

Intel Online Firmware Upgrade Utility for VMware
Version: 3.12.51 **(Optional)**
Filename: CP043060.compsig; CP043060.zip

Important Note!

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

NIC	EEPROM/NVM Version	OROM Version
HPE Ethernet 1Gb 4-port BaseT I350-T4 Adapter	80001099	1.2529.0
HPE Ethernet 1Gb 4-port BaseT I350-T4 OCP3 Adapter	80001097	1.2529.0
Intel(R) I350 Gigabit Backplane Connection	8000108E	1.2529.0
Intel(R) I350 Gigabit Network Connection	8000108F	1.2529.0

The combo image v1.2529.0 includes: Boot Agent: 1GbE - v1.5.88 & UEFI Drivers: 1GbE - v9.0.03.

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 7.0.

Supported Devices and Features

This package supports the following network adapters:

- Intel(R) I350 Gigabit Backplane Connection
- Intel(R) I350 Gigabit Network Connection
- HPE Ethernet 1Gb 4-port BaseT I350-T4 Adapter
- HPE Ethernet 1Gb 4-port BaseT I350-T4 OCP3 Adapte

Marvell FastLinQ Online Firmware Upgrade Utility for VMware
Version: 4.11.51 **(Optional)**
Filename: CP043063.compsig; CP043063.zip

Important Note!

This software package contains combo image v8.50.78. This combo image includes: Boot Code (MFW): 8.50.9.0 and UEFI: 6.1.6.9.

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 7.0.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10/25Gb 2-port SFP28 QL41232HQCU OCP3 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 QL41232HLCU Adapter
- HPE Ethernet 10Gb 4-port SFP+ QL41134HLCU Adapter
- HPE Ethernet 10Gb 2-port BaseT QL41132HLRJ Adapter
- HPE Ethernet 10Gb 2-port BaseT QL41132HQRJ OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ QL41132HQCU OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ QL41132HLCU Adapter

Firmware - Storage Controller
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi)
Version: 4.12 (A) **(Recommended)**
Filename: CP041219.compsig; CP041219.md5; CP041219.zip

Important Note!

IMPORTANT: Firmware updates must be performed during a system maintenance window, with all I/O to the system halted. In single domain configuration, if user hosts an OS in D3000(or any storage box) and flash the SEPs, it will hang/crash everytime as SmartComponent will reset the SEPs after flash/codeload.

WARNING! Do not power cycle or restart during the firmware update as this can result in loss of capabilities for this unit. It typically takes several minutes for the firmware to load.

NOTE: All firmware flash progress messages are logged to /var/cpq/D3000.log and flash summary is logged to /var/cpq/Component.log.

Prerequisites

IMPORTANT: Firmware updates must be performed during a system maintenance window, with all I/O to the system halted.

WARNING! Do not power cycle or restart during the firmware update as this can result in loss of capabilities for this unit. It typically takes several minutes for the firmware to load.

NOTE: All firmware flash progress messages are logged to /var/cpq/D3000.log and flash summary is logged to /var/cpq/Component.log.

Fixes

The following fix is incorporated in this version:

- The Enabled-ClusterS2D command now completes successfully when executed on a SATA drive within a D3610 disk enclosure.

Please refer to the Release Notes for the complete listing of fixes, enhancements, known issues and work-arounds corresponding to this firmware.

Supported Devices and Features

The D3600 / D3700 / D3610 / D3710 Enclosure can be attached to any of the following HPE Storage Controllers and Host Bus Adapters :

- HP Smart Array P841 Controller
- HP Smart Array P441 Controller
- HP Smart HBA H241
- HP Smart Array P741m Controller
- HPE Smart Array P408e-p Controller
- HPE Smart Array E208e-p Controller
- HPE Smart Array P408e-m Controller

HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi)
Version: 2.74 (F) **(Recommended)**
Filename: CP043402.compsig; CP043402.md5; CP043402.zip

Important Note!

IMPORTANT: Firmware updates must be performed during a system maintenance window, with all I/O to the system halted. In single domain configuration, if user hosts an OS in D6020(or any storage box) and flash the SEPs, it will hang/crash everytime as SmartComponent will reset the SEPs after flash/codeload.

WARNING! Do not power cycle or restart during the firmware update as this can result in loss of capabilities for this unit. It typically takes several minutes for the firmware to load.

NOTE: All firmware flash progress messages are logged to /var/cpq/D6020.log and flash summary is logged to /var/cpq/Component.log.

Prerequisites

IMPORTANT: Firmware updates must be performed during a system maintenance window, with all I/O to the system halted.

WARNING! Do not power cycle or restart during the firmware update as this can result in loss of capabilities for this unit. It typically takes several minutes for the firmware to load.

NOTE: All firmware flash progress messages are logged to /var/cpq/D6020.log and flash summary is logged to /var/cpq/Component.log.

Fixes

The following fixes were incorporated in this version:

- Temperature sensors logic inside gSEP model and SES database
- When an IOM is pulled the surviving IOM reports false critical temperatures

Please refer to the Release Notes for the complete listing of fixes, enhancements, known issues and work-arounds corresponding to this firmware.

Supported Devices and Features

The D6020 Enclosure can be attached to any of the following HPE Storage Controllers and Host Bus Adapters :

- HP Smart Array P841 Controller
- HP Smart Array P441 Controller
- HP Smart HBA H241
- HP Smart Array P741m Controller
- HPE Smart Array P408e-p Controller
- HPE Smart Array E208e-p Controller
- HPE Smart Array P408e-m Controller

HPE D8000 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi)
Version: 0105 (A) **(Recommended)**
Filename: CP042000.compsig; CP042000.md5; CP042000.zip

Important Note!

IMPORTANT: Firmware updates must be performed during a system maintenance window, with all I/O to the system halted. In single domain configuration, if user hosts an OS in D8000(or any storage box) and flash the SEPs, it will hang/crash everytime as SmartComponent will reset the SEPs after flash/codeload.

WARNING! Do not power cycle or restart during the firmware update as this can result in loss of capabilities for this unit. It typically takes several minutes for the firmware to load.

NOTE: All firmware flash progress messages are logged to /var/cpq/D8000.log and flash summary is logged to /var/cpq/Component.log.

Prerequisites

IMPORTANT: Firmware updates must be performed during a system maintenance window, with all I/O to the system halted.

WARNING! Do not power cycle or restart during the firmware update as this can result in loss of capabilities for this unit. It typically takes several minutes for the firmware to load.

NOTE: All firmware flash progress messages are logged to /var/cpq/D8000.log and flash summary is logged to /var/cpq/Component.log.

Fixes

The following fixes were incorporated in this version:

- SAS drive LED behavior was corrected to align with the Smart Array specification, specifically:
  - The Activity LED of a sanitize erase drive now turns ON when connected.
  - The Array present LED now turns ON for the SAS drive.
  - The Activity LED now blinks on all drives during a SAS drive rebuild.
- The Serial Output Buffer (SOB) has a fixed sized for stored entries. Now, when the buffer is full, the oldest entries are cleared or committed to persistent storage (if available). For this reason, subsequent requests to read the SOB only retrieves new entries that have been logged since the last successful request to read the SOB.
- The drive activity LED has been changed to a function as described in the installation and maintenance guide.
- The reboot flag was changed to issue a hard reset, which enables the service delivery subsystem (ZPSDS) information be shared across (expanded across) the internal expanders to all devices attached.
- The drive activity LED on the SAS disk drives was changed to support the ACTIVE_LOW signal state. The ACTIVE_LOW signal state is the default operation state for most drives.
- The SCSI WRITE BUFFER MODE was changed from activate to soft reset. This change improves the host ability to detect and report whether the enclosure is going to perform a disruptive or non-disruptive activation after a firmware upgrade.
- With I/O module firmware v0105 and PQI firmware 2.02 , the slot power cycle issue has been resolved by changing the power cycle SES request to return a failure when a partner slot is not connected.

Please refer to the Release Notes for the complete listing of fixes, enhancements, known issues and work-arounds corresponding to this firmware.

Supported Devices and Features

The D8000 Enclosure can be attached to any of the following HPE Storage Controllers and Host Bus Adapters :

- HPE Smart Array P408e-p Controller
- HPE Smart Array E208e-p Controller

Online ROM Flash Component for VMware ESXi - HPE Apollo 2000 Gen10 Backplane Expander Firmware
Version: 1.00 (D) **(Recommended)**
Filename: CP038105.compsig; CP038105.zip

Important Note!

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

Enhancements

- Added VMware ESXi 7.0 support

Online ROM Flash Component for VMware ESXi - HPE Apollo 45xx Gen10 Backplane Expander Firmware
Version: 1.56 (E) **(Optional)**
Filename: CP043132.compsig; CP043132.zip

Important Note!

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

Enhancements

- Added VMware ESXi 7.0 Support

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, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10
Version: 2.65 (A) **(Recommended)**
Filename: CP043394.compsig; CP043394.zip

Fixes

- Prevents a potential data inconsistency from occurring after experiencing an Unrecoverable Read Error (URE) on a drive configured in RAID 1/10/ADM Fault Tolerant Mode.
- Prevents a potential data inconsistency from occurring during initial configuration and operation of a volume configured in RAID 5/6/50/60 Fault Tolerant Mode.

  o For additional information, reference Customer Bulletin a00097210en_us.

  IMPORTANT: RAID 0 and Unassigned drives are not affected.

Enhancements

Added support for ESXi 7.0

Firmware - Storage Fibre Channel   **Top**
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0
Version: 2019.12.01 **(Recommended)**
Filename: CP041425.compsig; CP041425.zip

Important Note!

Release Notes:

HPE StoreFabric Emulex Adapter Release Notes

Beginning with software release 11.2, Fibre Channel (LightPulse) host bus 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 http://www.hpe.com/support/manuals
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 Fibre Channel Host bus adapters and Converge Network 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.

This Firmware package contains following firmware versions:

Adapter	Gen/Family/Speed	Universal Boot Image	Firmware	UEFI	Boot BIOS
HPE 81E 8Gb Single Port PCIe Fibre Channel Host Bus Adapter	Gen4 /LPE12000/8Gb	12.40a6	2.10X6	12.4.153.0	12.4.262.0
HPE 82E 8Gb Dual Port PCIe Fibre Channel Host Bus Adapter	Gen4 /LPE12000/8Gb	12.40a6	2.10X6	12.4.153.0	12.4.262.0
HPE LPe1205A 8Gb Fibre Channel Host Bus Adapter for BladeSystem c-Class	Gen4 /LPE12000/8Gb	12.40a6	2.10X6	12.4.153.0	12.4.262.0
HPE 84E 8Gb Quad Port Fibre Channel Host Bus Adapter	Gen4 /LPE12000/8Gb	12.40a6	2.10X6	12.4.153.0	12.4.262.0
HPE SN1000E 16Gb Dual Port Fibre Channel Host Bus Adapter	Gen5/LPE16000/16Gb	N/A	12.4.270.10	N/A	N/A
HPE SN1000E 16Gb Single Port Fibre Channel Host Bus Adapter	Gen5/LPE16000/16Gb	N/A	12.4.270.10	N/A	N/A
HPE SN1100E 16Gb Dual Port Fibre Channel Host Bus Adapter	Gen5/LPE16000/16Gb	N/A	12.4.270.10	N/A	N/A
HPE SN1100E 16Gb Single Port Fibre Channel Host Bus Adapter	Gen5/LPE16000/16Gb	N/A	12.4.270.10	N/A	N/A
HPE SN1100E 16Gb Quad Port 16Gb Fibre Channel Host Bus Adapter	Gen5/LPE16000/16Gb	N/A	12.4.270.10	N/A	N/A
HPE Fibre Channel 16Gb LPe1605 Mezzanine Host Bus Adapter	Gen5/LPE16000/16Gb	N/A	12.4.270.10	N/A	N/A
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	Gen6/LPE31000/16Gb	N/A	12.4.270.14	N/A	N/A
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	Gen6/LPE31000/16Gb	N/A	12.4.270.14	N/A	N/A
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	Gen6/LPE32000/32Gb	N/A	12.4.270.14	N/A	N/A
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	Gen6/LPE32000/32Gb	N/A	12.4.270.14	N/A	N/Att

Prerequisites

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

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

Fixes

Fix the following:

Where Host Bus Adapters reporting address NACKs (No Acknowledgements) from external temperature sensors.

Enhancements

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

Contains:

16/32 Gb HBA/Mezz universal boot 12.4.270.14
16 Gb HBA/Mezz universal boot 12.4.270.10

8 Gb standup/mezz firmware 2.10X6

8 Gb standup/mezz universal boot image 12.40a6 (12.4.262.0 BIOS, 12.4.153.0 UEFI)

Supported Devices and Features

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

8Gb FC:

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

LPe16000 (16Gb) FC:

- HPE SN1000E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1000E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1100E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1100E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1100E 16Gb Quad Port Fibre Channel Host Bus Adapter
- HPE Fibre Channel 16Gb LPe1605 Mezzanine Host Bus Adapter

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

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb 1Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0
Version: 2019.12.01 **(Recommended)**
Filename: CP041309.compsig; CP041309.zip

Important Note!

Release notes:

This Firmware package contains following firmware versions:

Adapter	Gen/Speed	MBI	Firmware	UEFI	Boot Bios
HPE 81Q PCIe Fibre Channel Host Bus Adapter	Gen4/8Gb	3.81.05	8.08.206	7.00	3.56
HPE 82Q 8Gb Dual Port PCIe Fibre Channel Host Bus Adapter	Gen4/8Gb	3.81.05	8.08.206	7.00	3.56
HPE 84Q 8Gb Quad Port Fibre Channel Host Bus Adapter	Gen4/8Gb	3.81.05	8.08.206	7.00	3.56
HPE QMH2572 8Gb Fibre Channel Host Bus Adapter for c-Class BladeSystem	Gen4/8Gb	3.81.05	8.08.206	7.00	3.56
HPE QMH2672 16Gb Fibre Channel Host Bus Adapter for c-Class BladeSystem	Gen5/16Gb	6.02.01	8.08.230	7.02	3.43
HPE SN1000Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter	Gen5/16Gb	6.02.01	8.08.230	7.02	3.43
HPE SN1000Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter	Gen5/16Gb	6.02.01	8.08.230	7.02	3.43
HPE SN1100Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter	Gen6/16Gb	1.73.08	8.08.230	7.02	3.64
HPE SN1100Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter	Gen6/16Gb	1.73.08	8.08.230	7.02	3.64
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	Gen6/32Gb	1.73.08	8.08.230	7.02	3.64
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	Gen6/32Gb	1.73.08	8.08.230	7.02	3.64
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	Gen7/32Gb	02.02.18	09.02.20	7.08	0.0
HPE SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter	Gen7/32Gb	02.02.18	09.02.20	7.08	0.0

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 http://www.hpe.com/servers/spp/download/

Fixes

Fixed the following:

In extremely rare cases, the following QLogic Fibre Channel (FC) Host Bus Adapters (HBAs), SN1100Q, SN1600Q and SN1610Q may cause the host Operating System (OS) to stop. Subsequent OS reboot may reveal some filesystem data is unavailable or inconsistent. Out of an abundance of caution, HPE updated the Firmware/BIOS/UEFI (Boot Image) packages for these adapters to eliminate possible exposure to this extremely rare but critical issue.

Enhancements

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

- Gen4 Fibre Channel Host Bus Adapter:
  - Package 3.81.05
  - Firmware 8.08.206
  - UEFI 7.00
  - BIOS 3.56
- Gen5 Fibre Channel Host Bus Adapter:
  - Package 6.02.01
  - Firmware 8.08.230
  - UEFI 7.02
  - BIOS 3.43
- Gen6 Fibre Channel Host Bus Adapter:
  - Package 1.73.08
  - Firmware 8.08.230
  - UEFI 7.02
  - BIOS 3.64
- Gen7 Fibre Channel Host Bus Adapter:
  - Package 02.02.18
  - Firmware 09.02.20
  - UEFI 7.08
  - BIOS 0.0

Supported Devices and Features

This firmware supports the following HPE adapters:

Gen 4 Fibre Channel Host Bus Adapter:

- HPE 81Q PCIe Fibre Channel Host Bus Adapter
- HPE 82Q 8Gb Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE 84Q 8Gb Quad Port Fibre Channel Host Bus Adapter
- HPE QMH2572 8Gb Fibre Channel Host Bus Adapter for c-Class BladeSystem

Gen 5 Fibre Channel Host Bus Adapter:

- HPE QMH2672 16Gb Fibre Channel Host Bus Adapter for c-Class BladeSystem
- HPE SN1000Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter
- HPE SN1000Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter

Gen 6 Fibre Channel Host Bus Adapter:

- HPE SN1100Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

Gen 7 Fibre Channel Host Bus Adapter:

- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter

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Software - Management

HPE Agentless Management Bundle Smart Component for ESXi 7.0
Version: 2020.04.01 **(Recommended)**
Filename: cp041517.compsig; cp041517.zip

Enhancements

Support for VMware ESXi 7.0

HPE CRU Driver Bundle Smart Component for ESXi 7.0
Version: 2020.04.01 **(Recommended)**
Filename: cp042040.compsig; cp042040.zip

Enhancements

Support for VMware ESXi 7.0

HPE Fiber Channel and Storage Enablement Bundle Smart Component for ESXi 7.0
Version: 2020.04.01 **(Recommended)**
Filename: cp043073.compsig; cp043073.zip

Enhancements

Support for VMware ESXi 7.0

HPE iLO Driver Bundle Smart Component for ESXi 7.0
Version: 2020.04.01 **(Recommended)**
Filename: cp042011.compsig; cp042011.zip

Enhancements

Support for VMware ESXi 7.0

HPE Smart Storage Administrator (HPE SSA) CLI Smart Component for ESXi 7.0
Version: 2020.04.01 **(Recommended)**
Filename: cp043322.compsig; cp043322.zip

Enhancements

Initial release to support VMware 7.0

HPE SMX Provider Bundle Smart Component for ESXi 7.0
Version: 2020.04.01 **(Recommended)**
Filename: cp043072.compsig; cp043072.zip

Enhancements

Support for VMware ESXi 7.0

Software - Storage Fibre Channel

Emulex Fibre Channel driver component for VMware vSphere 7.0
Version: 2020.05.01 **(Recommended)**
Filename: cp044101.compsig; cp044101.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 http://www.hpe.com/support/manuals
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/

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Enhancements

Updated to Driver version 12.6.228.4

Supported Devices and Features

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

8Gb FC:

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

LPe16000 (16Gb) FC:

- HPE SN1000E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1000E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1100E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1100E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1100E 16Gb Quad Port Fibre Channel Host Bus Adapter
- HPE Fibre Channel 16Gb LPe1605 Mezzanine Host Bus Adapter

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

- HPESN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

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QLogic Fibre Channel driver component for VMware vSphere 7.0
Version: 2020.03.01 **(Recommended)**
Filename: cp041259.compsig; cp041259.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/

Enhancements

Initial Driver for vSphere 7.0

Driver version 4.1.9.0

Supported Devices and Features

This driver supports the following HPE adapters:

Gen 4 Fibre Channel Host Bus Adapter:

- HPE 81Q PCIe Fibre Channel Host Bus Adapter
- HPE 82Q 8Gb Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE 84Q 8Gb Quad Port Fibre Channel Host Bus Adapter
- HPE QMH2572 8Gb Fibre Channel Host Bus Adapter for c-Class BladeSystem

Gen 5 Fibre Channel Host Bus Adapter:

- HPE QMH2672 16Gb Fibre Channel Host Bus Adapter for c-Class BladeSystem
- HPE SN1000Q 16GB Dual port PCIe Fibre Channel Host Bus Adapter
- HPE SN1000Q 16GB Single port PCIe Fibre Channel Host Bus Adapter

Gen 6 Fibre Channel Host Bus Adapter:

- HPE SN1100Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

Gen 7 Fibre Channel Host Bus Adapter:

- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter

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Software - System Management
HPE Agentless Management Bundle for ESXi 7.0
Version: 700.3.5.0 **(Recommended)**

Filename: amsdComponent_700.3.5.0-26-signed_component-15754296.zip

Enhancements

Support for VMware ESXi 7.0

HPE Fiber Channel and Storage Enablement Component for ESXi 7.0
Version: 3.5.0 **(Recommended)**
Filename: fc-enablement-component_700.3.5.0.40-1-signed_component-15716291.zip

Enhancements

Support for VMware ESXi 7.0

HPE Smart Storage Administrator (HPE SSA) CLI for VMware 7.0
Version: 4.18.1.0 **(Optional)**
Filename: hpessacli-component_4.18.1.0-7.0.0-signed_component-15803178.zip

Enhancements

Initial release to support vSphere 7.0

HPE SMX Provider Component for ESXi 7.0
Version: 3.16.00 **(Recommended)**
Filename: smxProvider_700.03.16.00__1_.12_14828939_signed_component_1567546.zip

Enhancements

Support for VMware ESXi 7.0

HPE Utilities Offline Bundle for ESXi 7.0
Version: 10.5.0 **(Recommended)**
Filename: HPE-Utility-Component_10.5.0-63-signed_component-15745486.zip; relnotes.txt

Important Note!

Refer to the HPE VMware Utilities User Guide ESXi 7.0 which is located at www.hpe.com/info/vmware/docs.

Enhancements

Supports VMware ESXi 7.0

Integrated Smart Update Tools for VMware ESXi 7.0
Version: 700.2.5.6-0 **(Recommended)**
Filename: sutComponent_700.2.5.6-0-signed_component-16052574.zip

Important Note!

Integrated Smart Update Tools for ESXi 7.0 provides support for firmware and driver updates via iLO Repository

Fixes

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

Enhancements

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

Hewlett Packard Enterprise