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 Custom SPPs is available at:

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

Information on HPE Synergy Software Releases is available at:

[HPE Synergy Software Releases - Overview](#)

Gen11 Patch Bundle 2024.04.00.01 Release Notes for VMware ESXi 7.0

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ROM Flash Universal Firmware Package - HPE ProLiant DL325/DL345 Gen11 (A56) Servers
Version: 1.60_03-21-2024 **(Recommended)**
Filename: A56_1.60_03_21_2024.fwpkg

<u>Important Note!</u>

Important Notes:

This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2023-45853, CVE-2022-36763 and CVE-2022-36764. This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2021-38578, CVE-2023-5678 and CVE-2024-0727.

Deliverable Name:

HPE ProLiant DL325 Gen11/DL345 Gen11 System ROM - A56

Release Version:

A55 1.60_03-21-2024

Last Recommended or Critical Revision:

A55 1.60_03-21-2024

Previous Revision:

A55_1.58_01-04-2024

Firmware Dependencies:

None

Enhancements/New Features:

Added production HCI marker key for OEM activation for Windows Azure.

Problems Fixed:

Addressed an issue where System Configuration System Configuration (RBSU) knob "PCI Device Config\PCIe Data Link Feature\Slot 21/22 PCIe Data Link Feature Exchange" cannot be disabled.

Addressed an issue where System Configuration (RBSU) knob "Power and Performance Options\AMD Core Performance Boost" cannot be disabled.

Corrected the PCIe slot number for NS204i-u.

Corrected SATA port numbers in System Configuration (RBSU).

Corrected SATA HDD location in One-Time Boot Menu.

Addressed an issue where the boot order of NVMe drives cannot be changed.

Addressed an issue where the OS could not detect the iSCSI drive through IPv6 installation when iSCSI IpAddressType is set to auto,

Addressed an issue where system boot slowly with Intel E810 NIC.

Added help string for System Configuration (RBSU) knob "Power and Performance Options\Advanced Power Options\Infinity Fabric Performance State"

Addressed an issue where the PCR7 value might be changed randomly on every boot.

Addressed an issue where Redfish resource was not updated after deleting secure boot keys via System Configuration (RBSU).

Addressed an issue where the system failed to enroll certificate to PK and KEK via Redfish.

This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2023-45853, CVE-2022-36763 and CVE-2022-36764.

This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2021-38578, CVE-2023-5678 and CVE-2024-0727.

Known Issues:

None

Fixes

Important Notes:

This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2023-45853, CVE-2022-36763 and CVE-2022-36764. This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2021-38578, CVE-2023-5678 and CVE-2024-0727.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where System Configuration System Configuration (RBSU) knob "PCI Device Config\PCIe Data Link Feature\Slot 21/22 PCIe Data Link Feature Exchange" cannot be disabled.

Addressed an issue where System Configuration (RBSU) knob "Power and Performance Options\AMD Core Performance Boost" cannot be disabled.

Corrected the PCIe slot number for NS204i-u.

Corrected SATA port numbers in System Configuration (RBSU).

Corrected SATA HDD location in One-Time Boot Menu.

Addressed an issue where the boot order of NVMe drives cannot be changed.

Addressed an issue where the OS could not detect the iSCSI drive through IPv6 installation when iSCSI IpAddressType is set to auto,

Addressed an issue where system boot slowly with Intel E810 NIC.

Added help string for System Configuration (RBSU) knob "Power and Performance Options\Advanced Power Options\Infinity Fabric Performance State"

Addressed an issue where the PCR7 value might be changed randomly on every boot.

Addressed an issue where Redfish resource was not updated after deleting secure boot keys via System Configuration (RBSU).

Addressed an issue where the system failed to enroll certificate to PK and KEK via Redfish.

This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2023-45853, CVE-2022-36763 and CVE-2022-36764.

This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2021-38578, CVE-2023-5678 and CVE-2024-0727.

Known Issues:

None

Enhancements

Added production HCI marker key for OEM activation for Windows Azure.

ROM Flash Universal Firmware Package - HPE ProLiant DL365/DL385 Gen11 (A55) Servers
Version: 1.60_03-21-2024 **(Recommended)**
Filename: A55_1.60_03_21_2024.fwpkg

Important Note!

Important Notes:

This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2023-45853, CVE-2022-36763 and CVE-2022-36764. This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2021-38578, CVE-2023-5678 and CVE-2024-0727.

Deliverable Name:

HPE ProLiant DL385 Gen11/DL365 Gen11 System ROM - A55

Release Version:

A55 1.60_03-21-2024

Last Recommended or Critical Revision:

A55 1.60_03-21-2024

Previous Revision:

A55_1.58_01-04-2024

Firmware Dependencies:

None

Enhancements/New Features:

Added production HCI marker key for OEM activation for Windows Azure.

Problems Fixed:

Addressed an issue where System Configuration System Configuration (RBSU) knob "PCI Device Config\PCIe Data Link Feature\Slot 21/22 PCIe Data Link Feature Exchange" cannot be disabled.

Addressed an issue where System Configuration (RBSU) knob "Power and Performance Options\AMD Core Performance Boost" cannot be disabled.

Corrected the PCIe slot number for NS204i-u.

Corrected SATA port numbers in System Configuration (RBSU).

Corrected SATA HDD location in One-Time Boot Menu.

Addressed an issue where the boot order of NVMe drives cannot be changed.

Addressed an issue where the OS could not detect the iSCSI drive through IPv6 installation when iSCSI IpAddressType is set to auto,

Addressed an issue where system boot slowly with Intel E810 NIC.

Added help string for System Configuration (RBSU) knob "Power and Performance Options\Advanced Power Options\Infinity Fabric Performance State"

Addressed an issue where the PCR7 value might be changed randomly on every boot.

Addressed an issue where Redfish resource was not updated after deleting secure boot keys via System Configuration (RBSU).

Addressed an issue where the system failed to enroll certificate to PK and KEK via Redfish.

This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2023-45853, CVE-2022-36763 and CVE-2022-36764.

This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2021-38578, CVE-2023-5678 and CVE-2024-0727.

Known Issues:

None

Fixes

Important Notes:

This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2023-45853, CVE-2022-36763 and CVE-2022-36764. This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2021-38578, CVE-2023-5678 and CVE-2024-0727.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where System Configuration System Configuration (RBSU) knob "PCI Device Config\PCIe Data Link Feature\Slot 21/22 PCIe Data Link Feature Exchange" cannot be disabled.

Addressed an issue where System Configuration (RBSU) knob "Power and Performance Options\AMD Core Performance Boost" cannot be disabled.

Corrected the PCIe slot number for NS204i-u.

Corrected SATA port numbers in System Configuration (RBSU).

Corrected SATA HDD location in One-Time Boot Menu.

Addressed an issue where the boot order of NVMe drives cannot be changed.

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Addressed an issue where system boot slowly with Intel E810 NIC.

Added help string for System Configuration (RBSU) knob "Power and Performance Options\Advanced Power Options\Infinity Fabric Performance State"

Addressed an issue where the PCR7 value might be changed randomly on every boot.

Addressed an issue where Redfish resource was not updated after deleting secure boot keys via System Configuration (RBSU).

Addressed an issue where the system failed to enroll certificate to PK and KEK via Redfish.

This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2023-45853, CVE-2022-36763 and CVE-2022-36764.

This revision of the System ROM includes the mitigation for vulnerabilities documented as CVE-2021-38578, CVE-2023-5678 and CVE-2024-0727.

Known Issues:

None

Enhancements

Added production HCI marker key for OEM activation for Windows Azure.

Driver - Network
HPE Intel igbn Driver for VMware vSphere 7.0
Version: 2024.03.00 **(Recommended)**
Filename: cp058388.compsig; cp058388.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 3.23.0 or later, for use with this driver.

Enhancements

This product enhanced the compatibility with firmware of Fortville 9.4.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 2-port 363i Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter
- HPE Ethernet 1Gb 4-port 366i Adapter
- HPE Ethernet 1Gb 4-port 366i Communication Board
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE
- Intel(R) I350 Gigabit Network Connection

Intel icen Driver for VMware vSphere 7.0
Version: 2024.03.00 **(Recommended)**
Filename: cp059743.compsig; cp059743.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 *Intel Firmware Package For E810 Ethernet Adapter*, version 4.40 or later, for use with these drivers.

Enhancements

This product enhanced the compatibility with firmware of Columbiaville 4.4.

Supported Devices and Features

This product supports the following network adapters:

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

Firmware - Network   **[Top](#)**
Intel Firmware Package For E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter
Version: 4.40 **(Recommended)**
Filename: HPE_E810_2CQDA2_O_SEC_4p40_PLDMoMCTP_8001C96B.fwpkg

Important Note!

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

- Intel icea Driver for Microsoft Windows Server, version 1.14.104.0 or later
- Intel ice Drivers for Linux, version 1.13.7-1 or later
- Intel icen Driver for VMware, version 2024.03.00 or later

This FW version does not support Port.Reset RDE metrics. This product will be enhance to improve the functions in the future release

Fixes

This product address an issue where it fails to reset adapter to default setting using RDE "NetworkAdapter.ResetSettingsToDefault".

Enhancements

- This product enhanced the compatibility with icea driver.
- For more product details, please refer to the latest document in https://www.intel.com/content/www/us/en/download/19622/

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE

Intel Firmware Package For E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter
Version: 4.40 **(Recommended)**
Filename: HPE_E810_CQDA2_4p40_PLDMoMCTP_8001C967.fwpkg

Important Note!

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

- Intel icea Driver for Microsoft Windows Server, version 1.14.104.0 or later
- Intel ice Drivers for Linux, version 1.13.7-1 or later
- Intel icen Driver for VMware, version 2024.03.00 or later

This FW version does not support Port.Reset RDE metrics. This product will be enhance to improve the functions in the future release

Fixes

This product address an issue where it fails to reset adapter to default setting using RDE "NetworkAdapter.ResetSettingsToDefault".

Enhancements

- This product enhanced the compatibility with icea driver.
- For more product details, please refer to the latest document in
  https://www.intel.com/content/www/us/en/download/19622/

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE

Intel Firmware Package For E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter
Version: 4.40 **(Recommended)**
Filename: HPE_E810_CQDA2_OCP_4p40_NCSIwPLDMoMCTP_8001C96E.fwpkg

Important Note!

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

- Intel icea Driver for Microsoft Windows Server, version 1.14.104.0 or later
- Intel ice Drivers for Linux, version 1.13.7-1 or later
- Intel icen Driver for VMware, version 2024.03.00 or later

This FW version does not support Port.Reset RDE metrics. This product will be enhance to improve the functions in the future release

Fixes

This product address an issue where it fails to reset adapter to default setting using RDE "NetworkAdapter.ResetSettingsToDefault".

Enhancements

- This product enhanced the compatibility with icea driver.
- For more product details, please refer to the latest document in
  https://www.intel.com/content/www/us/en/download/19622/

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE

Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter
Version: 4.40 **(Recommended)**
Filename: HPE_E810_XXVDA2_SD_4p40_PLDMoMCTP_8001C96C.fwpkg

Important Note!

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

- o   Intel icea Driver for Microsoft Windows Server, version 1.14.104.0 or later
- o   Intel ice Drivers for Linux, version 1.13.7-1 or later
- o   Intel icen Driver for VMware, version 2024.03.00 or later

This FW version does not support Port.Reset RDE metrics. This product will be enhance to improve the functions in the future release

Fixes

This product address an issue where it fails to reset adapter to default setting using RDE "NetworkAdapter.ResetSettingsToDefault"

Enhancements

- o This product enhanced the compatibility with icea driver.
- o For more product details, please refer to the latest document in https://www.intel.com/content/www/us/en/download/19622/

Supported Devices and Features

This product supports the following network adapters:

- o Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE

Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter
Version: 4.40 **(Recommended)**
Filename: HPE_E810_XXVDA2_SD_OCP_4p40_NCSIwPLDMoMCTP_8001C970.fwpkg

Important Note!

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

- o   Intel icea Driver for Microsoft Windows Server, version 1.14.104.0 or later
- o   Intel ice Drivers for Linux, version 1.13.7-1 or later
- o   Intel icen Driver for VMware, version 2024.03.00 or later

This FW version does not support Port.Reset RDE metrics. This product will be enhance to improve the functions in the future release

Fixes

This product address an issue where it fails to reset adapter to default setting using RDE "NetworkAdapter.ResetSettingsToDefault".

Enhancements

- o This product enhanced the compatibility with icea driver.
- o For more product details, please refer to the latest document in https://www.intel.com/content/www/us/en/download/19622/

Supported Devices and Features

This product supports the following network adapters:

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

Intel Firmware Package For E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter
Version: 4.40 **(Recommended)**
Filename: HPE_E810_XXVDA4_FH_4p40_PLDMoMCTP_8001C96D.fwpkg

Important Note!

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

- Intel icea Driver for Microsoft Windows Server, version 1.14.104.0 or later
- Intel ice Drivers for Linux, version 1.13.7-1 or later
- Intel icen Driver for VMware, version 2024.03.00 or later

This FW version does not support Port.Reset RDE metrics. This product will be enhance to improve the functions in the future release

Fixes

This product address an issue where it fails to reset adapter to default setting using RDE "NetworkAdapter.ResetSettingsToDefault".

Enhancements

- This product enhanced the compatibility with icea driver.
- For more product details, please refer to the latest document in https://www.intel.com/content/www/us/en/download/19622/

Supported Devices and Features

This product supports the following network adapters:

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

Intel Firmware Package For E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter
Version: 4.40 **(Recommended)**
Filename: HPE_E810_XXV4_OCP_4p40_NCSIwPLDMoMCTP_8001C969.fwpkg

Important Note!

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

- Intel icea Driver for Microsoft Windows Server, version 1.14.104.0 or later
- Intel ice Drivers for Linux, version 1.13.7-1 or later
- Intel icen Driver for VMware, version 2024.03.00 or later

This FW version does not support Port.Reset RDE metrics. This product will be enhance to improve the functions in the future release

Fixes

This product address an issue where it fails to reset adapter to default setting using RDE "NetworkAdapter.ResetSettingsToDefault".

Enhancements

- This product enhanced the compatibility with icea driver.
- For more product details, please refer to the latest document in https://www.intel.com/content/www/us/en/download/19622/

Supported Devices and Features

This product supports the following network adapters:

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

Intel Online Firmware Upgrade Utility for VMware
Version: 3.23.0 **(Recommended)**
Filename: CP059765.compsig; CP059765.zip

Important Note!

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

NIC	EEPROM/NVM	OROM	NVM

	Version	**Version**	**Version**
HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	8000ECAD	1.3534.0	9.40
HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	8000ECB7	1.3534.0	9.40
Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter	800011F8	1.3534.0	N/A
Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter	800011EF	1.3534.0	N/A
Intel(R) I350 Gigabit Network Connection (2-port)	8000119C	1.3534.0	N/A
Intel(R) I350 Gigabit Network Connection (4-port)	8000119D	1.3534.0	N/A

The combo image v1.3534.0 includes: Boot Agent: 1GbE - v1.5.90, 10GbE - v2.4.54, 40GbE - v1.1.45 & UEFI Drivers: 1GbE - v9.8.40, 10GbE - v8.2.31, 40GbE - v4.9.92

Prerequisites

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

Enhancements

- This product enhanced the compatibility with the latest drivers.
- For more product details, please refer to the latest document in https://www.intel.com/content/www/us/en/download/19622/

Supported Devices and Features

This package supports the following network adapters:

- Intel(R) I350 Gigabit Network Connection (2-port)
- Intel(R) I350 Gigabit Network Connection (4-port)
- HPE Ethernet 1Gb 4-port BaseT I350-T4 Adapter
- HPE Ethernet 1Gb 4-port BaseT I350-T4 OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

Firmware - Storage Controller **[Top]**

Firmware Package - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408e-m, P204i-c, P416ie-m and P816i-a SR Gen10 and Gen11 controllers
Version: 6.52 (B) **(Recommended)**
Filename: HPE_SR_Gen10_6.52_B.fwpkg

Enhancements

Support DL20 and ML30 Gen10 server.

Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10
Version: 5.61 (D) **(Recommended)**
Filename: CP057475.compsig; CP057475.zip

Enhancements

Support Gen10, Gen10 Plus and Gen11 servers

Firmware - Storage Fibre Channel **[Top]**

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0
Version: 2022.08.01 **(Recommended)**
Filename: CP050061.compsig; CP050061.zip

Important Note!

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1610E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.25	14.0.499.25	14.0.499.2	14.0.490.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.25	14.0.499.25	14.0.499.2	14.0.490.0
HPE SN1700E 64Gb Single Port Fibre Channel Host Bus Adapter	64Gb	14.0.499.25	14.0.499.25	14.0.499.2	14.0.490.0
HPE SN1700E 64Gb Dual Port Fibre Channel Host Bus Adapter	64Gb	14.0.499.25	14.0.499.25	14.0.499.2	14.0.490.0

Prerequisites

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

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

Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1610E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.25	14.0.499.25	14.0.499.2	14.0.490.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.25	14.0.499.25	14.0.499.2	14.0.490.0
HPE SN1700E 64Gb Single Port Fibre Channel Host Bus Adapter	64Gb	14.0.499.25	14.0.499.25	14.0.499.2	14.0.490.0
HPE SN1700E 64Gb Dual Port Fibre Channel Host Bus Adapter	64Gb	14.0.499.25	14.0.499.25	14.0.499.2	14.0.490.0

Supported Devices and Features

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

32Gb FC Adapter:

- HPE SN1610E 32Gb Dual port Fibre Channel Host Bus Adapter
- HPE SN1610E 32Gb Single port Fibre Channel Host Bus Adapter

64Gb FC Adapter:

- HPE SN1700E 64Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1700E 64Gb Single Port Fibre Channel Host Bus Adapter

Online ROM Flash Firmware Package - HPE Integrated Lights-Out 6
Version:1.59 **(Recommended)**
Filename: ilo6_159.fwkg

Prerequisites

Hewlett Packard Enterprise recommends the following or greater versions of iLO utilities
for best performance:

- RESTful Interface Tool (iLOREST) 4.9.0.0
- HPQLOCFG v6.0.0
- Lights-Out XML Scripting Sample bundle 6.00.0
- HPONCFG Windows 6.0.0
- HPONCFG Linux 6.0.0(A)
- LOCFG v6.00.0 or later
- HPLOMIG 6.0.0
- Schema extender 6.1.0
- Snap-in (x86) 6.0.0
- Snap-in (x64) 6.0.0

NOTE: Updated utilities and system libraries are required to support the iLO HighSecurity, FIPS, and CNSA security states. The HPONCFG Windows utility does not currently support the CNSA security state.

Fixes

- Fixed an issue where the VSP used to get cleared upon an iLO reboot or an AUX server cycle.
- Fixed an issue where SMBIOS data file present in NAND is removed and recreated every time server reboots.
- Fixed an issue where the URI for TlsConfig was incorrect in the HPE iLO 6 Redfish documentation.
- Fixed an issue where physical drive status was reported incorrectly in SNMP.
  Fixed an issue of invalid values for SNMP OIDs during SNMPWALK.
- Fixed an issue where while entering an incorrect HPE iLO password on a server in Edgeline EL8000t chassis displayed an improper error message.
  Fixed an issue where the IPMI power supply status showed a failure detected in empty bays on Apollo servers.

Enhancements

- Support for Simplified Onboarding of HPE iLO to Compute Ops Management using an Activation Key.
  Support for consistent URIs (indexes) under Ethernet interfaces for systems in Gen 11 servers at all times.
- Ability to switch from DHCP6 to static IPv6 address for the same IP address.
- Pre-enablement of Qualcomm A100 Ultra Card limited to discovery and thermal monitoring.
  Added Cipher #17 for IPMI over LAN and removed Cipher #0 and Cipher #1 with security issues.
  Ability for HPE iLO 6 to monitor Closed-Loop Liquid Cooling devices after the POST call completion.

Get connected

hpe.com/info/getconnected

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

Updated June 25 2024

Hewlett Packard Enterprise