Abstract

This document describes new features, installation and update instructions, and known limitations for the HPE Virtual Connect SE 100Gb F32 Module for HPE Synergy. This release is intended for administrators that configure, manage, and troubleshoot compute modules interconnects and storage systems on HPE Synergy using HPE Synergy Composer powered by HPE OneView.
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Warranty

Hewlett Packard Enterprise will replace defective delivery media for a period of 90 days from the date of purchase.
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Release description and installation/update instructions

**Interconnect module firmware installation and update instructions**

Features of firmware version 2.0.0.1006

Firmware version 2.0.0.1006 is the initial firmware release for the HPE Virtual Connect SE 100Gb F32 Module for HPE Synergy.

**IMPORTANT:** The firmware version 2.0.0.1006 requires HPE OneView 5.00 to be installed.
Issues and suggested actions

The issues and known limitations in this release are described here.

**Issues and Suggested actions in Firmware version 2.0.0.1006**

- Uplink ports might fail to establish a link when connecting to Arista switches at 25Gb/s fixed speed using FEC mode configured for CL108 while using optical transceivers or copper cables.
  
  Suggested action: In HPE OneView, configure the uplinks ports as follows:
  
  ◦ For copper cables: Set speed to Auto and FEC to CL108.
  ◦ For optical transceivers: Set speed to Auto and FEC to CL74.

- Uplink ports may fail to link up to Cisco 32G FC switch after the HPE Virtual Connect SE 100Gb F32 Module (ICM) is reset.
  
  Suggested action: In HPE OneView, remove the port from the uplink set and add it back.

- Some compute modules configured for BFS (FC/FCoE) might fail to boot when a parallel restart/power-cycle of more than 48 compute modules occurs of which 27 or more are configured for FC/FCoE Boot.
  
  Suggested action: Reboot compute module(s) that failed to boot (or) limit the number of compute modules restarted/power-cycled in parallel to 48 of which no more than 26 compute modules are configured for FC/FCoE boot.
More firmware update information

Refer to the HPE OneView User Guide for HPE Synergy available at www.hpe.com/support/OV-UGS for more information on updating firmware on Logical Interconnects.

The following list indicates disruptive versus nondisruptive firmware updates:

- Update from 2.0.0.1006 to:
  - 2.0.0.1006: Nondisruptive

**NOTE:**

- A nondisruptive firmware update is a warm reboot of the management plane that does not impact the switching or data plane.
- A disruptive firmware update is a cold reboot of the interconnect module that impacts both management and data plane.

For more information on HPE Synergy firmware and driver updates, see the HPE OneView for Synergy Firmware and Driver Update Guide.
Websites

General websites
Hewlett Packard Enterprise Information Library
  www.hpe.com/info/EIL
Single Point of Connectivity Knowledge (SPOCK) Storage compatibility matrix
  www.hpe.com/storage/spock
Storage white papers and analyst reports
  www.hpe.com/storage/whitepapers

Hewlett Packard Enterprise documentation websites
HPE OneView Global Dashboard documentation
  www.hpe.com/info/ovglobaldashboard-docs
HPE OneView documentation
  www.hpe.com/info/oneview/docs
HPE Synergy documentation
  www.hpe.com/info/synergy-docs
Support and other resources

Accessing Hewlett Packard Enterprise Support

- For live assistance, go to the Contact Hewlett Packard Enterprise Worldwide website:
  http://www.hpe.com/info/assistance
- To access documentation and support services, go to the Hewlett Packard Enterprise Support Center website:
  http://www.hpe.com/support/hpesc

Information to collect

- Technical support registration number (if applicable)
- Product name, model or version, and serial number
- Operating system name and version
- Firmware version
- Error messages
- Product-specific reports and logs
- Add-on products or components
- Third-party products or components

Accessing updates

- Some software products provide a mechanism for accessing software updates through the product interface. Review your product documentation to identify the recommended software update method.

  - To download product updates:
    Hewlett Packard Enterprise Support Center
    www.hpe.com/support/hpesc
    Hewlett Packard Enterprise Support Center: Software downloads
    www.hpe.com/support/downloads
    Software Depot
    www.hpe.com/support/softwaredepot

  - To subscribe to eNewsletters and alerts:
    www.hpe.com/support/e-updates

  - To view and update your entitlements, and to link your contracts and warranties with your profile, go to the Hewlett Packard Enterprise Support Center More Information on Access to Support Materials page:
    www.hpe.com/support/AccessToSupportMaterials

IMPORTANT: Access to some updates might require product entitlement when accessed through the Hewlett Packard Enterprise Support Center. You must have an HPE Passport set up with relevant entitlements.
Customer self repair

Hewlett Packard Enterprise customer self repair (CSR) programs allow you to repair your product. If a CSR part needs to be replaced, it will be shipped directly to you so that you can install it at your convenience. Some parts do not qualify for CSR. Your Hewlett Packard Enterprise authorized service provider will determine whether a repair can be accomplished by CSR.

For more information about CSR, contact your local service provider or go to the CSR website:

http://www.hpe.com/support/selfrepair

Remote support

Remote support is available with supported devices as part of your warranty or contractual support agreement. It provides intelligent event diagnosis, and automatic, secure submission of hardware event notifications to Hewlett Packard Enterprise, which will initiate a fast and accurate resolution based on your product's service level. Hewlett Packard Enterprise strongly recommends that you register your device for remote support.

If your product includes additional remote support details, use search to locate that information.

Remote support and Proactive Care information
HPE Get Connected
www.hpe.com/services/getconnected
HPE Proactive Care services
www.hpe.com/services/proactivecare
HPE Proactive Care service: Supported products list
www.hpe.com/services/proactivecaresupportedproducts
HPE Proactive Care advanced service: Supported products list
www.hpe.com/services/proactivecareadvancedsupportedproducts

Proactive Care customer information
Proactive Care central
www.hpe.com/services/proactivecarecentral
Proactive Care service activation
www.hpe.com/services/proactivecarecentralgetstarted

Warranty information

To view the warranty information for your product, see the links provided below:

HPE ProLiant and IA-32 Servers and Options
www.hpe.com/support/ProLiantServers-Warranties
HPE Enterprise and Cloudline Servers
www.hpe.com/support/EnterpriseServers-Warranties
HPE Storage Products
www.hpe.com/support/Storage-Warranties
HPE Networking Products
www.hpe.com/support/Networking-Warranties

Regulatory information

To view the regulatory information for your product, view the Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products, available at the Hewlett Packard Enterprise Support Center:

www.hpe.com/support/Safety-Compliance-EnterpriseProducts
Additional regulatory information

Hewlett Packard Enterprise is committed to providing our customers with information about the chemical substances in our products as needed to comply with legal requirements such as REACH (Regulation EC No 1907/2006 of the European Parliament and the Council). A chemical information report for this product can be found at:

www.hpe.com/info/reach

For Hewlett Packard Enterprise product environmental and safety information and compliance data, including RoHS and REACH, see:

www.hpe.com/info/ecodata

For Hewlett Packard Enterprise environmental information, including company programs, product recycling, and energy efficiency, see:

www.hpe.com/info/environment

Documentation feedback

Hewlett Packard Enterprise is committed to providing documentation that meets your needs. To help us improve the documentation, send any errors, suggestions, or comments to Documentation Feedback (docsfeedback@hpe.com). When submitting your feedback, include the document title, part number, edition, and publication date located on the front cover of the document. For online help content, include the product name, product version, help edition, and publication date located on the legal notices page.