



Hewlett Packard
Enterprise

HPE Hyper Converged 250 System for Microsoft CPS

Matrix of Qualified Software and Firmware

Abstract

This document provides the recommended firmware and software for the HPE Hyper Converged 250 System for Microsoft CPS. This document is for the person who installs, administers, troubleshoots, or maintains the solution.

Part Number: P09016-003
Published: February 2019
Edition: 3

Notices

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Contents

- Revisions4
- Getting Started.....4
 - About this document4
 - Firmware and software updates4
- Management Software Recommendations4
- Node Software Recommendations5
- Chassis/Node Firmware Recommendations6
- Websites8
- Support and other resources9
 - Accessing Hewlett Packard Enterprise Support9
 - Accessing updates.....9
 - Customer self repair.....9
 - Remote support10
 - Warranty information.....10
 - Regulatory information.....10
- Documentation feedback.....11

Revisions

| Version | Date | Details |
|---------|--------------|--|
| V0 | May 2016 | Initial release |
| V1 | June 2016 | HPE Branding |
| V3 | June 2018 | Added support for recovery image 1.2.0.9 |
| V4 | October 2018 | PU1803 updates and June 2018 SPP support |
| V5 | January 2019 | PU1812 updates and Sep 2018 SPP with BIOS 2.64 support |

Getting Started

About this document

HPE Hyper Converged 250 System for Microsoft CPS Matrix of Qualified Software and Firmware outlines the host operating system, HPE OneView InstantOn, HPE StoreVirtual software and component level firmware versions qualified to run on the HPE Hyper Converged 250 System for Microsoft CPS. Hewlett Packard Enterprise recommends running your HPE Hyper Converged 250 System for Microsoft CPS with the software and firmware versions listed below. Upgrades beyond the software and firmware versions listed in this document, except where explicitly stated below, or as advised by Hewlett Packard Enterprise support, may introduce unexpected behavior and are not supported.

The most recent version of this document can be found on <http://www.hpe.com/info/hyperconverged-docs>.

Firmware and software updates

Updates for individual software and firmware components may be found at the links provided below and at [HPE Hyper Converged Systems software updates](#).

See *Hyper Converged 250 for Microsoft Cloud Platform System Standard User Guide* for upgrade instructions. The guide can be found on <http://www.hpe.com/info/hyperconverged-docs>.

Management Software Recommendations

This software runs on the management VM of the HPE Hyper Converged 250 System for Microsoft CPS.

Please consult the HPE Hyper Converged 250 System for Microsoft CPS Installation Guide at http://www.hpe.com/info/HC250MicrosoftCPS_IG if the management VM needs to be reinstalled.

| System Component | Version 1.1.0.22 | Version 1.2.0.9 | Download Link |
|---|------------------|-----------------|---|
| HPE StoreVirtual VSA | 12.5 | 12.7 | http://www.hpe.com/storage/downloads/storevirtual |
| HPE StoreVirtual Application Aware Snapshot Manager | 12.5 | 12.5 | http://www.hpe.com/storage/downloads/storevirtual |

| | | | |
|---|----------|-----------|---|
| HPE StoreVirtual DSM for MPIO | 12.0 | 12.0 | http://www.hpe.com/storage/downloads/storevirtual |
| HPE StoreVirtual Centralized Management Console (CMC) | 12.5 | 12.7 | http://www.hpe.com/storage/downloads/storevirtual |
| HPE StoreVirtual Command Line Interface for Windows | 12.5 | 12.7.0.34 | http://www.hpe.com/storage/downloads/storevirtual |
| HPE OneView InstantOn | 1.1.0.77 | 1.1.0.79 | http://www.hpe.com/info/HCCupdates |
| Windows Server 2012 R2 Datacenter Edition | 2012 R2 | 2012 R2 | http://www.hpe.com/info/HCCupdates |
| System Center Virtual Machine Manager (VMM) 2012 R2 | 2012 R2 | 2012 R2 | http://www.hpe.com/info/HCCupdates |
| System Center Operations Manager 2012 R2 | 2012 R2 | 2012 R2 | http://www.hpe.com/info/HCCupdates |
| SQL Server 2014 Standard Edition | 2012 R2 | 2012 R2 | http://www.hpe.com/info/HCCupdates |
| Windows Azure Pack | 2012 R2 | 2012 R2 | http://www.hpe.com/info/HCCupdates |
| System Center Data Protection Manager (DPM) 2012 R2* | 2012 R2 | 2012 R2 | http://www.hpe.com/info/HCCupdates |
| System Center Endpoint Protection | 2012 R2 | 2012 R2 | http://www.hpe.com/info/HCCupdates |
| Service Management Automation (SMA) | 2012 R2 | 2012 R2 | http://www.hpe.com/info/HCCupdates |
| Service Provider Foundation (SPF) | 2012 R2 | 2012 R2 | http://www.hpe.com/info/HCCupdates |
| Windows Azure Site Recovery Agent** | 2012 R2 | 2012 R2 | http://www.hpe.com/info/HCCupdates |

Notes:

* DPM is installed separately on hosts outside the initial CPS Standard stamp.

** Included if Windows Azure Services is selected during initial configuration.

Node Software Recommendations

This software is installed on each of the four nodes in the HPE Hyper Converged 250 System for Microsoft CPS System.

See *HPE Hyper Converged 250 System for Microsoft Cloud Platform System Standard Installation Guide* at http://www.hpe.com/info/HCC250MicrosoftCPS_IG if one or more nodes need to be reinstalled.

| System Component | Version 1.1.0.22 | Version 1.2.0.9 | PU1803 | PU1812 | Download Link |
|---|------------------|-----------------|-----------|-----------|---|
| HPE Insight Management WBEM Providers for Windows Server x64 Editions | 10.40.0.0 | 10.65.0.0 | 10.70.0.0 | 10.70.0.0 | http://www.hpe.com/info/HCCupdates |

| | | | | | |
|---|-----------|-----------|-----------|-----------|---|
| HPE Insight Management Agents for Windows Server x64 Editions | 10.40.0.0 | 10.70.0.0 | 10.90.0.0 | 10.90.0.0 | http://www.hpe.com/info/HCUupdates |
| Windows Server 2012 R2 Datacenter Edition | 2012 R2 | 2012 R2 | 2012 R2 | 2012 R2 | http://www.hpe.com/info/HCUupdates |
| HPE StoreVirtual VSA | 12.5 | 12.7 | 12.7 | 12.7 | http://www.hpe.com/storage/downloads/storevirtual |
| HPE Service Pack for ProLiant | 2015.10.0 | 2017.10.0 | 2018.06.0 | 2018.09.0 | http://www.hpe.com/info/HCUupdates |
| HPE StoreVirtual DSM for MPIO | 12.0 | 12.0 | 12.0 | 12.0 | http://www.hpe.com/storage/downloads/storevirtual |
| HPE StoreVirtual Centralized Management Console (CMC) | 12.5 | 12.7 | 12.7 | 12.7 | http://www.hpe.com/storage/downloads/storevirtual |

Chassis/Node Firmware Recommendations

These firmware levels should be maintained on each of the four nodes in the HPE Hyper Converged 250 for Microsoft CPS System.

| System Component | Version 1.1.0.22 | Version 1.2.0.9 | PU1803 | PU1812 |
|--|------------------|-----------------|-----------|-----------|
| RAID Controller FW Driver version (Smart Array P440) | 3.56 | 6.06 | 6.60 | 6.60 |
| BIOS (ProLiant XL170r Gen9) | 2.00 | 2.56 | 2.60 | 2.64 |
| iLO4 | 2.30 | 2.30 and above | 2.60 | 2.61 |
| Network Interface Card (1GbE interfaces): HP Ethernet 1Gb 2-port 361i Adapter Driver: HP Intel E1R Driver for Windows Server 2012 R2 (American, International) | 12.11.91.1 | 12.14.8.0 | 12.14.8.0 | 12.14.8.0 |
| Firmware: HP Intel Online Firmware Upgrade Utility for Windows Server x64 Editions (American, International) | 4.0.0.17 | 5.1.1.0 | 5.1.3.0 | 5.1.3.0 |

| | | | | |
|--|----------------------|----------------------|----------------------|----------------------|
| Network Interface Card (10GbE interfaces): HP Ethernet 10Gb 2-port 560FLR-SFP+ Adapter Driver: HP Intel ixn/ixt Drivers for Windows Server 2012 R2 (American, International) | | | 3.14.78.0 | 3.14.78.0 |
| Firmware: HP Intel Online Firmware Upgrade Utility for Windows Server x64 Editions (American, International) | 3.9.58.9101(B) | 3.9.58.9103(B) | 5.1.3.0 | 5.1.3.0 |
| | 4.0.0.17 | 5.1.1.0 | | |
| | | | | |
| HPE Hard Disk Drive Models: | | | | |
| HPE 1.2TB 12G SAS 10K 2.5in SC ENT HDD - EG1200JEHMC | | | | |
| HPE 1.2TB 12G SAS 10K 2.5in SC ENT HDD - EG1200JEMDA | | | | |
| HPE 1.2TB 12G SAS 10K 2.5in SC ENT HDD - EG1200JETKC | HPD3 HPD2 HPD4 | HPD3 HPD2 HPD4 | HPD3 HPD2 HPD4 | HPD3 HPD2 HPD4 |
| HPE Solid State Drive Models: | | | | |
| HPE 480GB 6G SATA 2.5in VE SC PLP SSD - VK0480GECQP | | | | |
| HPE 480GB 6Gb SATA 2.5 MU PLP SC S2 - MK0480GFDKR | | | | |
| HPE 960GB 6Gb SATA 2.5 MU PLP SC S2 - MK0960GFDKT | HPG2 | HPG2 | HPG2 | HPG2 |
| HPE 1.92TB 6Gb SATA 2.5 MU PLP SC S2 - MK1920GFDKU | HPG0 HPG0 HPG0 | HPG0 HPG0 HPG0 | HPG0 HPG0 HPG0 | HPG0 HPG0 HPG0 |
| Any released drive firmware version later than the listed version is supported unless specifically stated otherwise. Upgraded drive models are also supported unless specifically stated otherwise. | | | | |

Websites

| Website | Link |
|--|--|
| Hewlett Packard Enterprise Information Library | www.hpe.com/info/enterprise/docs |
| Hewlett Packard Enterprise Support Center | www.hpe.com/support/hpesc |
| Contact Hewlett Packard Enterprise Worldwide | www.hpe.com/assistance |
| Subscription Service/Support Alerts | www.hpe.com/support/e-updates |
| Software Depot | www.hpe.com/support/softwaredepot |
| Customer Self Repair | www.hpe.com/support/selfrepair |
| HPE Hyper Converged Systems software updates | http://www.hpe.com/info/hcupdates |
| Insight Remote Support documentation | www.hpe.com/info/insightremotesupport/docs |
| HPE StoreVirtual documentation | www.hpe.com/support/StoreVirtualManuals |
| HPE OneView for Microsoft System vCenter | http://www.hpe.com/info/ovsc/docs |
| HPE Hyper Converged documentation | http://www.hpe.com/info/hyperconverged-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/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 HP 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:

www.hpe.com/services/proactivecaresupportedproducts

Supported products list

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 for your product, see the *Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products* document, available at the Hewlett Packard Enterprise Support Center:

www.hpe.com/support/Safety-Compliance-EnterpriseProducts

Additional warranty information

HPE ProLiant and x86 Servers and Options

www.hpe.com/support/ProLiantServers-Warranties

HPE Enterprise 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

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