



Hewlett Packard
Enterprise

HPE SimpliVity OmniStack Interoperability Guide

4.1.1U1

Row #	Document & Version	Revision Date	Revision Description	Revision Tracking Notes
1	4.1.0 & 1.0	1 st March 2021		
2	4.1.0 & 1.1	7 th April 2021	a. Explicit Gen 9 Firmware version b. SVTSP Spelling Correction c. Firmware Downgrade Policy d. ESXi Patches e. vCenter versions f. EOS abbreviation g. Supported Upgrade paths h. Mixed software versions in a Federation	
3	4.1.0U1 & 1.2	1 st August 2021	i. Support DL380 Gen9 with ESXi 7.0 U1 & VCSA 7.0 U2b j. Newer ESXi and vCenter Patch Qualifications k. Omnistack Version Status l. Omnistack supported Upgrade Paths m. Starting this version of document , HPE interop guide is consolidated as one document	
4	4.1.1 & 1.3	16 th December 2021	n. Release for HPE SimpliVity 325 Gen10 plus v2 platform only	
5	4.1.1U1 & 1.4	31 st January 2022	o. HPE SimpliVity 325 Gen10 plus v2 platform support p. Support of Storage Expansion for HPE SimpliVity 380 G q. Support for TLS 1.2 & above for all TLS communications	

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HPE OmniStack Version Status

The tables below details the status of HPE OmniStack software and firmware versions as of January 2022.

HPE OmniStack Software	Release Date	Announced Inactive	Status
OmniStack v4.1.1U1	January 2022		Active – Recommended
OmniStack v4.1.1 for HPE SimpliVity 325 Gen 10 Plus v2 Only	December 2021		Active* - Superseded Being a restricted release that supports only a new platform, it is not included in any support matrix for Interoperability.
OmniStack v4.1.0U1	August 2021		Active - Recommended
OmniStack v4.1.0	March 2021	31 Jan 2022	Inactive as of 01 March 2022
OmniStack v4.0.1U1	November 2020		Active – Superseded
OmniStack v3.7.10U1	November 2020	31 Jan 2022	Inactive* as of 31 Jan 2022
OmniStack v4.0.1	March 2020	01 Jun 2021	Inactive as of 01 Nov 2021
OmniStack v4.0.0	January 2020	01 Jun 2021	Inactive as of 01 Nov 2021
OmniStack v3.7.10 & v3.7.10(A)	September 2019	01 Jun 2021	Inactive as of 01 Nov 2021
OmniStack v3.7.9	July 2019	31 Jan 2022	Inactive** as of 22 Feb 2022
OmniStack v3.7.8 and earlier	June 2019 and earlier	01 Jun 2021	Inactive as of 01 Nov 2021

Active* - Restricted release for HPE SimpliVity 325 Gen 10 Plus v2 platform only

Inactive* - OmniStack for Cisco, OmniStack for Dell, OmniStack for Lenovo, and OmniCube products reached their End of Life status. If a customer requires additional enhancements or modifications to these products, HPE recommends that they speak to their local sales representative regarding the latest HPE SimpliVity solutions.

Inactive** - HPE OmniStack version 4.1.1U1 support customers using FIPS. Customers who are using 3.7.9 are recommended to upgrade to this version for FIPS Support.

HPE SimpliVity Firmware	Release Date	Announced Inactive	Status
SVTSP-2021_1201.02	January 2022		Active – Recommended
SVTSP-2021_1001.08	December 2021		Active – Recommended
SVTSP-2021_0110.02	March 2021		Active - Superseded

SVTSP-2020_0701.03	November 2020	31-Jan-2022	Inactive as of 31 Jan 2022
SVTSP-2020_0225.06	March 2020	03 Dec 2020	Inactive as of 01 Jan 2021
SVTSP-2019_1216.01	January 2020	03 Dec 2020	Inactive as of 01 Jan 2021
SVTSP-2019_0903.01	September 2019	03 Dec 2020	Inactive as of 01 Jan 2021
SVTSP-2019_0604.03	July 2019	03 Dec 2020	Inactive as of 01 Jan 2021 – use SVTSP-2020_0701
SVTSP-2019_0315.04 and earlier	June 2019 and earlier	01 Jun 2021	Inactive as of 01 Nov 2021

HPE SimpliVity Gen9 Controller Updates	Release Date	Announced Inactive	Status
790-000107-lsi-u	January 2022		Active - Recommended
790-000107-lsi-t	December 2021		Active - Recommended
790-000107-lsi-r	March 2021		Active - Superseded
790-000107-lsi-q	November 2020	31 Jan 2022	Inactive as of 31 Jan 2022
790-000107-lsi-p	March 2020	03 Dec 2020	Inactive as of 01 Jan 2021
790-000107-lsi-n	January 2020	03 Dec 2020	Inactive as of 01 Jan 2021
790-000107-lsi-m	September 2019	03 Dec 2020	Inactive as of 01 Jan 2021
790-000107-lsi-k	July 2019	03 Dec 2020	Inactive as of 01 Jan 2021 – use SVTSP-2020_0701
790-000107-lsi-j and earlier	June 2019 and earlier	01 Jun 2021	Inactive as of 01 Nov 2021

HPE SimpliVity Interoperability Introduction

This document provides interoperability details for VMware vSphere, Microsoft Hyper-V and other major external products. It covers HPE SimpliVity releases beginning at OmniStack v3.7.4. To access the historical information for earlier versions of HPE OmniStack software not included in this latest document, see: [HPE-SimpliVity-OmniStack-interop-guide-historical](#).

HPE SimpliVity 380 Gen9, Gen10, Gen10 G, Gen10 H, HPE SimpliVity 2600 Gen10, HPE SimpliVity 325 Gen10 and HPE SimpliVity 325 Gen10 Plus v2 Platform Firmware Interoperability

The following table lists the system firmware packages that the HPE SimpliVity platforms support.

FIRMWARE	3.7.4	3.7.5	3.7.6	3.7.6U1	3.7.7	3.7.8	3.7.9	3.7.10/ 3.7.10A	3.7.10U1	4.0.0	4.0.1	4.0.1U1	4.1.0	4.1.0U1	4.1.1U1
*SVT380SP-2017_1121.05.iso ⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁷⁾	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
* **790-000107-lsi-d.iso (gen9 only)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
*SVT380SP-2018_0302.02.iso ⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁷⁾	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
* **790-000107-lsi-d.iso (gen9 only)	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
* SVT380SP-2018_0529.02.iso ⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁷⁾	C	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N
* **790-000107-lsi-f.iso (gen9 only)	C	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N
* SVTSP-2018_0828.01.iso ⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁷⁾	C	C	Y	Y	N	N	N	N	N	N	N	N	N	N	N
* **790-000107-lsi-g.iso (gen9 only)	C	C	Y	Y	N	N	N	N	N	N	N	N	N	N	N
* SVTSP-2018_1127.01.iso ⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁷⁾	C	C	C	Y	Y	N	N	N	N	N	N	N	N	N	N
* **790-000107-lsi-h.iso (gen9 only)	C	C	C	Y	Y	N	N	N	N	N	N	N	N	N	N
* SVTSP-2019_0315.04.iso ⁽⁴⁾⁽⁵⁾⁽⁷⁾	C	C	C	Y	Y	Y	Y	N	N	N	N	N	N	N	N
* **790-000107-lsi-j.iso (gen9 only)	C	C	C	Y	Y	Y	Y	N	N	N	N	N	N	N	N
* SVTSP-2019_0604.03.iso ⁽⁵⁾⁽⁷⁾	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N
**790-000107-lsi-k.iso (gen9 only)	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N
* SVTSP-2019_0903.01.iso ⁽⁷⁾	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N
**790-000107-lsi-m.iso (gen9 only)	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N
* SVTSP-2019_1216.01.iso ⁽⁷⁾	N	N	N	N	N	N	C	Y	Y	Y	Y	Y	N	N	N
**790-000107-lsi-n.iso (gen9 only)	N	N	N	N	N	N	C	Y	Y	Y	Y	Y	N	N	N
* SVTSP-2020_0225.06.iso ⁽⁷⁾	N	N	N	N	N	N	N	C	C	Y	Y	Y	N	N	N
**790-000107-lsi-p.iso (gen9 only)	N	N	N	N	N	N	N	C	C	Y	Y	Y	N	N	N
† SVTSP-2020_0701.03.iso ⁽⁶⁾⁽⁷⁾⁽⁸⁾⁽⁹⁾⁽¹⁰⁾	N	N	N	N	N	N	N	C	Y	Y	Y	Y	Y	Y	N
**790-000107-lsi-q.iso (gen9 only) ⁽⁶⁾⁽⁷⁾	N	N	N	N	N	N	N	C	Y	Y	Y	Y	Y	Y	N
† SVTSP-2021_0110.02.iso ⁽⁶⁾⁽⁷⁾⁽⁸⁾⁽⁹⁾⁽¹⁰⁾	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N
**790-000107-lsi-r.iso (gen9 only) ⁽⁶⁾⁽⁷⁾	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N

FIRMWARE	3.7.4	3.7.5	3.7.6	3.7.6U1	3.7.7	3.7.8	3.7.9	3.7.10/ 3.7.10A	3.7.10U1	4.0.0	4.0.1	4.0.1U1	4.1.0	4.1.0U1	4.1.1U1
† SVTSP-2021_1001.08.iso ⁽⁶⁾⁽⁷⁾	N	N	N	N	N	N	N	N	C	C	C	Y	C	Y	Y
**790-000107-lsi-t.iso (gen9 only) ⁽⁶⁾⁽⁷⁾	N	N	N	N	N	N	N	N	C	C	C	Y	C	Y	Y
† SVTSP-2021_1201.02.iso ⁽⁶⁾⁽⁷⁾	N	N	N	N	N	N	N	N	C	C	C	Y	C	Y	Y
**790-000107-lsi-u.iso (gen9 only) ⁽⁶⁾⁽⁷⁾	N	N	N	N	N	N	N	N	C	C	C	Y	C	Y	Y

Firmware is available for download from the [Hewlett Packard Enterprise Customer Support site](#).

* Indicates the iso is no longer available for download.

Firmware packages do not contain firmware for the HPE OmniStack Accelerator Card. OmniStack Accelerator Card firmware is installed/updated automatically as part of the HPE OmniStack software installation process.

** Indicates Gen9 hardware.

† Versions supported by Upgrade Manager.

⁽¹⁾ This version introduced a major security update that requires SVTFS changes to be complete.

⁽²⁾ Not supported on HPE SimpliVity 2600 models.

⁽³⁾ Not supported on HPE SimpliVity 380 Gen10 G models.

⁽⁴⁾ Not supported on HPE SimpliVity 380 Gen10 H models.

⁽⁵⁾ Not supported on HPE SimpliVity 325 Gen10 models.

⁽⁶⁾ Requires minimum ESXi version 6.5 Update 3 Patch 04 (build 15256549) or 6.7 Update 3 Patch 01 (build 15160138).

⁽⁷⁾ Firmware version supported on Gen9 Platform

⁽⁸⁾ iLO5 – 2.44 and iLO4 – 2.78 manual upgrade is supported on top of this SPP. Download location and instructions can be found at https://support.hpe.com/hpesc/public/docDisplay?docLocale=en_US&docId=hpeshbf04134en_us

⁽⁹⁾ Intel BIOS – 2.5 and Intel BIOS – 2.9 manual upgrade is supported on top of this SPP. Download location and instructions can be found at https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00116483en_us

⁽¹⁰⁾ 325 Gen10 System ROM (A41) – 2.46 manual upgrade is supported on top of this SPP. Download instructions are similar to above advisory. Download location: https://support.hpe.com/hpesc/public/swd/detail?swItemId=MTX_6cee30964f77401b85607371a7

- **Y** = Supported Version
- **C** = Compatible Version but not explicitly verified
- **N** = Unsupported Version

- HPE SimpliVity 380 Gen10 hosts support Hyper-V Server 2016 starting with HPE OmniStack 3.7.4.

- HPE SimpliVity 2600 Platform was introduced and supported starting with HPE OmniStack 3.7.5.
- HPE SimpliVity 380 Gen10 G platform was introduced and supported starting with HPE OmniStack 3.7.8.
- HPE SimpliVity 325 Gen10 platform was introduced and supported starting with HPE OmniStack 3.7.9.
- Only valid firmware packages for the HPE SimpliVity 2600 Platform are SVT380SP-2018_0529.02.iso or later.
- Only valid firmware packages for the HPE SimpliVity 380 Gen10 G Platform are SVTSP-2019_0315.04.iso or later.
- Only valid firmware packages for the HPE SimpliVity 325 Gen10 Platform are SVTSP-2019_0903.01.iso or later.
- The upgrade guide can be found here: https://support.hpe.com/hpesc/public/docDisplay?docId=a00099034en_us
- To upgrade the firmware for an HPE SimpliVity 380 Gen9 Server, see the HPE SimpliVity 380 Gen9 Server Firmware Upgrade Field Support Guide.
- Starting with HPE OmniStack 3.7.10, the Upgrade Manager supports upgrade of HPE SimpliVity 380 Gen10, HPE SimpliVity 380 Gen10 G, HPE SimpliVity Gen10 H and HPE SimpliVity 325 Gen10 server firmware.
 - Upgrade Manager only supports versions of HPE firmware listed in this document that are marked with †
 - To install other qualified versions not marked with † you must perform a manual upgrade using standard HPE firmware upgrade procedures.
- For upgrade to SVTSP-2020_0225.06.iso or later using Upgrade Manager, the system must already be running a minimum supported version of SVTSP-2019_0604.03.iso or later.
- Use standard HPE firmware upgrade procedures to upgrade HPE SimpliVity 2600 Gen10 server chassis firmware.
- End-user should only upgrade to versions listed in the HPE SimpliVity interop guide.
- Versions not listed in this document are not supported, with the exception of new systems arriving with firmware versions greater than what is listed in this document. See [Firmware Downgrading Policy](#) below.
 - If a system is currently on a non-supported version, it should be moved to a supported version listed in the guide as early as possible to prevent any support disruption.
- HPE SimpliVity Platforms should only use the HPE SimpliVity Support Pack and not the standard HPE Support Pack.

Firmware Downgrading Policy

1. It is recommended that all HPE SimpliVity systems within a cluster/federation be on the latest firmware release and its corresponding software versions highlighted in the HPE SimpliVity Interoperability Support Matrix (unless specified differently) to ensure they are fully protected against known security vulnerabilities.
2. HPE SimpliVity does not recommend downgrading firmware versions on existing systems in the field or those being shipped from the factory. The latest firmware releases offer the best protection against known vulnerabilities, support growing demands for interoperability, and provide the best customer experience overall.
3. HPE SimpliVity systems are shipped from the factory with all firmware components at the required minimum or higher versions.
 - a. Downgrading firmware is not required if the system arrived with a higher firmware versions than listed on the support matrix. Firmware updates are released independent of HPE OmniStack software releases and incorporated into HPE manufacturing

processes to ensure the best customer experience at all times.

If the customer is in lower firmware version than factory shipped version, it has to be upgraded to the latest firmware to avail vulnerability fixes.

4. HPE SimpliVity Interoperability Support Matrix should be considered as the primary source for all supported platforms, software and firmware SPP minimum and maximum required versions (see the table on 2).
5. If a new HPE SimpliVity system is being deployed into an existing cluster or federation running version 3.7.8 software or earlier, the entire cluster or federation should be upgraded to a software version that matches that of the new system before deploying the new system.
 - a. If this is not possible, contact your Pointnext Services delivery team for assistance.

Note: The LSI Array Controller firmware versions that the HPE SimpliVity 380 Gen9 platform supports are listed in tables that follow the tables for the HPE Firmware Packages.

FIRMWARE PACKAGE:	<u>SVT380SP-2017_1121.05.iso</u>	
RELEASE DATE:	2017/12/07	
NOTES	HPE SimpliVity 380 Gen9 & Gen10 Support	
FIRMWARE DETAILS:	Gen9 System ROM	P89 v2.42
	Gen10 System ROM	U301.26
	Gen9 Smart HBA H240	6.06
	Gen10 HPE Smart Array E208i-p SR	1.06
	Gen10 HPE Smart Array P816i-a SR	1.06
	iLO4	2.55
	iLO5	1.15
	Gen9 Power Mgmt Controller	1.0.9
	Gen10 Power Mgmt Controller	1.04
	Broadcom NIC	2.19.6
	Intel NIC	1.13.12
	Server Platform Services	04.00.04.288
	HPE Gen10 Innovation Engine	0.1.4.4
	HPE Drive FW	*HPG6

* HPE Customer Bulletin [a00027721](#).

FIRMWARE PACKAGE:	SVT380SP-2018_0302.02.iso	
RELEASE DATE:	2018/03/02	
NOTES	HPE SimpliVity 380 Gen9 & Gen10 Support	
FIRMWARE DETAILS:	Gen9 System ROM	P89 v2.56
	Gen10 System ROM	U301.32
	Gen9 Smart HBA H240	6.06
	Gen10 HPE Smart Array E208i-p SR	1.06
	Gen10 HPE Smart Array P816i-a SR	1.06
	iLO4	2.55
	iLO5	1.15
	Gen9 Power Mgmt. Controller	1.0.9
	Gen10 Power Mgmt. Controller	1.04
	Broadcom NIC	2.19.6
	Intel NIC	1.13.12
	Server Platform Services	04.00.04.288
	Gen10 Innovation Engine	0.1.4.4
	HPE Drive FW	HPG2, * HPG6

* HPE Customer Bulletin [a00027721](#).

FIRMWARE PACKAGE:	SVT380SP-2018_0529.02.iso	
RELEASE DATE:	2018/06/12	
NOTES	HPE SimpliVity 380 Gen9, Gen10 & 2600 Gen10 Support	
FIRMWARE DETAILS:	Gen9 System ROM	P89 2.56
	Gen10 System ROM	U301.36
	Gen9 Smart HBA H240	6.30
	Gen10 HPE Smart Array E208i-p SR	1.34

FIRMWARE PACKAGE:

SVT380SP-2018_0529.02.iso

Gen10 HPE Smart Array P816i-a SR	1.34
iLO4	2.55
iLO5	1.20
Gen9 Power Mgmt. Controller	1.0.9
Gen10 Power Mgmt. Controller	1.0.4
Broadcom NIC	2.20.7
Intel NIC	1.14.13
Server Platform Services	04.00.04.288
Gen10 Innovation Engine	0.1.5.2
HPE Drive FW	HPG2, * HPG6

* HPE Customer Bulletin [a00027721](#).

FIRMWARE PACKAGE:

SVTSP-2018_0828.01.iso

RELEASE DATE:

2018/09/14

NOTES

HPE SimpliVity 380 Gen9, Gen10 & 2600 Gen10 Support

FIRMWARE DETAILS:

Gen9 System ROM	P89 2.60
Gen10 System ROM	U301.42
ProLiant XL170r/XL190r Gen10 System ROM	U38 1.42
Gen9 Smart HBA H240	6.60
Gen10 HPE Smart Array E208i-p SR	1.34
Gen10 HPE Smart Array P816i-a SR	1.34
iLO4	2.60
iLO5	1.30
Gen9 Power Mgmt. Controller	1.0.9

FIRMWARE PACKAGE:	<u>SVTSP-2018_0828.01.iso</u>	
	Gen10 Power Mgmt. Controller	1.0.4
	Broadcom NIC	2.21.3
	Intel NIC	1.15.9
	Server Platform Services	04.00.04.288
	Gen10 Innovation Engine	0.1.6.1
	HPE Drive FW	HPG3, HPG8

FIRMWARE PACKAGE:	<u>SVTSP-2018_1127.01.iso</u>	
RELEASE DATE:	2018/12/21	
NOTES	HPE SimpliVity 380 Gen9, Gen10 & 2600 Gen10 Support	
FIRMWARE DETAILS:	Gen9 System ROM	P89 2.60
	Gen10 System ROM	U30 1.42
	ProLiant XL170r/XL190r Gen10 System ROM	U38 1.42
	Gen9 Smart HBA H240	6.60
	Gen10 HPE Smart Array E208i-p SR	1.66
	Gen10 HPE Smart Array P816i-a SR	1.66
	iLO4	2.61
	iLO5	1.35
	Gen9 Power Mgmt. Controller	1.0.9
	Gen10 Power Mgmt. Controller	1.0.4
	Broadcom NIC	2.21.3
	Intel NIC	1.15.9
	Server Platform Services	04.00.04.393
	Gen10 Innovation Engine	0.1.6.1

FIRMWARE PACKAGE:	<u>SVTSP-2018_1127.01.iso</u>
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HPE Drive FW

HPG3 HPG8

FIRMWARE PACKAGE:	<u>SVTSP-2019_0315.04.iso</u>
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RELEASE DATE:	2019/03/25
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NOTES	HPE SimpliVity 380 Gen9, Gen10, Gen10 G & 2600 Gen10 Support
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FIRMWARE DETAILS:		
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Gen9 System ROM	P89 2.64
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Gen10 System ROM	U30 1.46
ProLiant XL170r/XL190r Gen10 System ROM	U38 1.46

Gen9 Smart HBA H240	6.60
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Gen10 HPE Smart Array E208i-p SR	1.66
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Gen10 HPE Smart Array P816i-a SR	1.66
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iLO4	2.61
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iLO5	1.39
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Gen9 Power Mgmt. Controller	1.0.9
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Gen10 Power Mgmt. Controller	1.0.4
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Broadcom NIC	2.22.3
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Intel NIC	1.16.0
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Server Platform Services	04.00.04.393
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Gen10 Innovation Engine	0.1.6.1
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HPE Drive FW	HPG3 Rev.B, HPG8
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FIRMWARE PACKAGE:	<u>SVTSP-2019_0604.03.iso</u>
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RELEASE DATE:	2019/06/04
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FIRMWARE PACKAGE:	<u>SVTSP-2019_0604.03.iso</u>	
NOTES	HPE SimpliVity 380 Gen9, Gen10, Gen10 G, Gen10 H, 325 Gen10 & 2600 Gen10 Support	
FIRMWARE DETAILS:	Gen9 System ROM	P89 2.70
	380 Gen10 System ROM	U30 2.02
	ProLiant XL170r/XL190r Gen10 System ROM	U38 2.02
	325 Gen10 System ROM	A41 1.40
	Gen9 Smart HBA H240	6.88
	Gen10 HPE Smart Array E208i-p SR	1.98
	Gen10 HPE Smart Array P816i-a SR	1.98
	iLO4	2.62
	iLO5	1.40
	Gen9 Power Mgmt. Controller	1.0.9
	Gen10 Power Mgmt. Controller	1.0.4
	Broadcom NIC	2.23.10
	Intel NIC	1.17.17
	Server Platform Services	04.01.04.251
	Gen10 Innovation Engine	0.2.0.11
	HPE Drive FW	HPG3 Rev.B, HPG8

FIRMWARE PACKAGE:	<u>SVTSP-2019_0903.01.iso</u>	
RELEASE DATE:	2019/09/03	
NOTES	HPE SimpliVity 380 Gen9, Gen10, Gen10 G, Gen10 H, 325 Gen10 & 2600 Gen10 Support	
FIRMWARE DETAILS:	Gen9 System ROM	P89 2.72
	380 Gen10 System ROM	U30 2.04
	ProLiant XL170r/XL190r Gen10 System ROM	U38 2.04

FIRMWARE PACKAGE:	<u>SVTSP-2019_0903.01.iso</u>	
	325 Gen10 System ROM	A41 1.40
	Gen9 Smart HBA H240	6.88
	Gen10 HPE Smart Array E208i-p SR	1.98
	Gen10 HPE Smart Array P816i-a SR	1.98
	iLO4	2.70
	iLO5	1.44
	Gen9 Power Mgmt. Controller	1.0.9
	Gen10 Power Mgmt. Controller	1.0.4
	Broadcom NIC	2.23.10
	Intel NIC	1.17.17
	Server Platform Services	04.01.04.251
	Gen10 Innovation Engine	0.2.0.11
	HPE Drive FW	HPG3 Rev.B, HPG8

FIRMWARE PACKAGE:	<u>SVTSP-2019_1216.01</u>	
RELEASE DATE:	2019/12/16	
NOTES	HPE SimpliVity 380 Gen9, Gen10, Gen10 G, Gen10 H, 325 Gen10 & 2600 Gen10 Support	
FIRMWARE DETAILS:	Gen9 System ROM	P89 2.74
	380 Gen10 System ROM	U30 2.16
	ProLiant XL170r/XL190r Gen10 System ROM	U38 2.16
	325 Gen10 System ROM	A41 2.20
	Gen9 Smart HBA H240	7.00
	Gen10 HPE Smart Array E208i-p SR	1.99
	Gen10 HPE Smart Array P816i-a SR	1.99

FIRMWARE PACKAGE: SVTSP-2019_1216.01

iLO4	2.70
iLO5	1.46
Gen9 Power Mgmt. Controller	1.0.9
Gen10 Power Mgmt. Controller	1.0.7
Broadcom NIC	2.23.10
Intel NIC	1.18.7
Server Platform Services	04.01.04.296
Gen10 Innovation Engine	0.2.1.2
HPE Drive FW	HPG6, HPGE, HPG3

FIRMWARE PACKAGE: SVTSP-2020_0225.06

RELEASE DATE: 2020/02/25

NOTES HPE SimpliVity 380 Gen9, Gen10, Gen10 G, Gen10 H, 325 Gen10 & 2600 Gen10 Support

FIRMWARE DETAILS:

Gen9 System ROM	P89 2.76
380 Gen10 System ROM	U30 2.30
ProLiant XL 170r/XL190r Gen10 System ROM	U38 2.30
325 Gen10 System ROM	A41 2.34
Gen9 Smart HBA H240	7.00
Gen10 HPE Smart Array E208i-p SR	1.99
Gen10 HPE Smart Array P816i-a SR	1.99
iLO4	2.72
iLO5	2.10
Gen9 Power Mgmt. Controller	1.0.9
Gen10 Power Mgmt. Controller	1.0.7

FIRMWARE PACKAGE:	<u>SVTSP-2020_0225.06</u>	
	Broadcom NIC	2.24.2
	Intel NIC	1.19.11
	Server Platform Services	04.01.04.339
	Gen10 Innovation Engine	0.2.1.2
	HPE Drive FW	HPG6, HPGE, HPG3

FIRMWARE PACKAGE:	<u>SVTSP-2020_0701.03.iso</u>	
RELEASE DATE:	2020/11/15	
NOTES	HPE SimpliVity 380 Gen9, Gen10, Gen10 G, Gen10 H, 325 Gen10 & 2600 Gen10 Support	
FIRMWARE DETAILS:	Gen9 System ROM	P89 2.76
	380 Gen10 System ROM	U30 2.32
	ProLiant XL170r/XL190r Gen10 System ROM	U38 2.32
	325 Gen10 System ROM	A41 2.36
	Gen9 Smart HBA H240	7.00
	Gen10 HPE Smart Array E208i-p SR	3.00
	Gen10 HPE Smart Array P816i-a SR	3.00
	iLO4	2.73
	iLO5	2.16
	Gen9 Power Mgmt. Controller	1.0.9
	Gen10 Power Mgmt. Controller	1.0.7
	Broadcom NIC	2.25.1
	Intel NIC	1.19.11
	Server Platform Services	04.01.04.339
	Gen10 Innovation Engine	0.2.2.0

FIRMWARE PACKAGE:	<u>SVTSP-2020_0701.03.iso</u>
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HPE Drive FW

HPG6, HPGE, HPG3

FIRMWARE PACKAGE:	<u>SVTSP-2021_0110.02.iso</u>
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RELEASE DATE:	2021/03/01
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NOTES	HPE SimpliVity 380 Gen9, Gen10, Gen10 G, Gen10 H, 325 Gen10 & 2600 Gen10 Support
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FIRMWARE DETAILS:		
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Gen9 System ROM

P89 2.80

380 Gen10 System ROM

U30 2.40

ProLiant XL170r/XL190r Gen10 System ROM

U38 2.40

325 Gen10 System ROM

A41 2.44

Gen9 Smart HBA H240

7.00

Gen10 HPE Smart Array E208i-p SR

3.00

Gen10 HPE Smart Array P816i-a SR

3.00

iLO4

2.76

iLO5

2.31

Gen9 Power Mgmt. Controller

1.0.9

Gen10 Power Mgmt. Controller

1.0.7

Broadcom NIC

2.25.1

Intel NIC

1.19.11

Gen10 Server Platform Services

04.01.04.423

Gen10 Innovation Engine

0.2.2.0

HPE Drive FW

HPG6, HPGE, HPG3

FIRMWARE PACKAGE:	<u>SVTSP-2021_1001.08.iso</u>	
RELEASE DATE:	2021/12/06	
NOTES	HPE SimpliVity 380 Gen9, Gen10, Gen10 G, Gen10 H, 325, 325 v2 & 2600 Gen10 Support	
	Gen9 System ROM	P89 2.90
	380 Gen10 System ROM	U30 2.52
	ProLiant XL170r/XL190r Gen10 System ROM	U38 2.52
	325 Gen10 / V2 System ROM	A41 2.46 / A43 2.44
	Gen10 HPE Smart Array E208i-p SR	3.53
	Gen10 HPE Smart Array P816i-a SR	3.53
	iLO4	2.78
	iLO5	2.44
	Gen10 Power Mgmt. Controller	1.0.7
	Broadcom NIC	2.27.6
	Intel NIC	1.21.6
	Gen10 Server Platform Services	04.01.04.505
	Gen10 Innovation Engine	0.2.2.3
	HPE Drive FW	HPG8, HPGG, HPG6

FIRMWARE PACKAGE:	<u>SVTSP-2021_1201.02.iso</u>	
RELEASE DATE:	2022/01/31	
NOTES	HPE SimpliVity 380 Gen9, Gen10, Gen10 G, Gen10 H, 325, 325 v2 & 2600 Gen10 Support	
	Gen9 System ROM	P89 2.90
	380 Gen10 System ROM	U30 2.56

FIRMWARE PACKAGE:	<u>SVTSP-2021_1201.02.iso</u>	
	ProLiant XL170r/XL190r Gen10 System ROM	U38 2.56
	325 Gen10 / V2 System ROM	A41 2.52 / A43 2.52
	Gen10 HPE Smart Array E208i-p SR	4.11
	Gen10 HPE Smart Array P816i-a SR	4.11
	iLO4	2.78
	iLO5	2.44
	Gen10 Power Mgmt. Controller	1.0.8
	Broadcom NIC	2.28.4
	Intel NIC	1.22.6
	Gen10 Server Platform Services	04.01.04.505
	Gen10 Innovation Engine	0.2.2.3
	HPE Drive FW	HPG8, HPGG, HPG6

LSI FIRMWARE:	<u>790-000107-lsi-d.iso</u>	
RELEASE DATE:	2017/12/07	
NOTES	HPE SimpliVity 380 Gen9 Support Only	
FIRMWARE DETAILS:	LSI Package	24.21.0-0012
	LSI Gas Gauge	6071-04A
	SAS Expander	3.17
	HPE Drive Firmware	*HPG6

* HPE Customer Bulletin [a00027721](#).

LSI FIRMWARE:	790-000107-lsi-f.iso	
RELEASE DATE:	2018/06/12	
NOTES	HPE SimpliVity 380 Gen9 Support Only	
FIRMWARE DETAILS:	LSI Package	24.21.0-0025
	LSI Gas Gauge	6071-04A
	SAS Expander	4.02
	HPE Drive Firmware	*HPG6, HPG2

* HPE Customer Bulletin [a00027721](#).

LSI FIRMWARE:	790-000107-lsi-g.iso	
RELEASE DATE:	2018/09/14	
NOTES	HPE SimpliVity 380 Gen9 Support Only	
FIRMWARE DETAILS:	LSI Package	24.21.0-0025
	LSI Gas Gauge	6071-04A
	SAS Expander	4.02
	HPE Drive Firmware	HPG8, HPG3

LSI FIRMWARE:	790-000107-lsi-h.iso	
RELEASE DATE:	2018/12/21	
NOTES	HPE SimpliVity 380 Gen9 Support Only	
FIRMWARE DETAILS:	LSI Package	24.21.0-0025
	LSI Gas Gauge	26071-05
	SAS Expander	4.21
	HPE Drive Firmware	HPG8, HPG3

LSI FIRMWARE:	<u>790-000107-lsi-j.iso</u>	
RELEASE DATE:	2019/03/15	
NOTES	HPE SimpliVity 380 Gen9 Support Only	
FIRMWARE DETAILS:	LSI Package	24.21.0-0067
	LSI Gas Gauge	26071-05
	SAS Expander	4.21
	HPE Drive Firmware	HPG8 , HPG3

LSI FIRMWARE:	<u>790-000107-lsi-k.iso</u>	
RELEASE DATE:	2019/06/04	
NOTES	HPE SimpliVity 380 Gen9 Support Only	
FIRMWARE DETAILS:	LSI Package	24.21.0-0088
	LSI Gas Gauge	26071-05
	SAS Expander	4.21
	HPE Drive Firmware	HPG8, HPG3

LSI FIRMWARE:	<u>790-000107-lsi-m.iso</u>	
RELEASE DATE:	2019/09/03	
NOTES	HPE SimpliVity 380 Gen9 Support Only	
FIRMWARE DETAILS:	LSI Package	24.21.0-0095
	LSI Gas Gauge	26071-05
	SAS Expander	4.21

LSI FIRMWARE:	<u>790-000107-lsi-m.iso</u>
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HPE Drive Firmware

HPG8, HPG3

LSI FIRMWARE:	<u>790-000107-lsi-n.iso</u>
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RELEASE DATE:	2019/12/16
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NOTES	HPE SimpliVity 380 Gen9 Support Only
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FIRMWARE DETAILS:	LSI Package	24.21.0-0095
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LSI Gas Gauge	26071-05
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SAS Expander	4.22
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HPE Drive Firmware	HPGE, HPG3
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LSI FIRMWARE:	<u>790-000107-lsi-p.iso</u>
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RELEASE DATE:	2020/02/25
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NOTES	HPE SimpliVity 380 Gen9 Support Only
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FIRMWARE DETAILS:	LSI Package	24.21.0-0119
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LSI Gas Gauge	26071-05
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SAS Expander	4.22
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HPE Drive Firmware	HPGE, HPG3
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LSI FIRMWARE:	<u>790-000107-lsi-q.iso</u>
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RELEASE DATE:	2020/11/15
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LSI FIRMWARE:	<u>790-000107-lsi-q.iso</u>	
NOTES	HPE SimpliVity 380 Gen9 Support Only	
FIRMWARE DETAILS:	LSI Package	24.21.0-0126
	LSI Gas Gauge	26071-05
	SAS Expander	4.22
	HPE Drive Firmware	HPGE, HPG3

LSI FIRMWARE:	<u>790-000107-lsi-r.iso</u>	
RELEASE DATE:	2021/03/01	
NOTES	HPE SimpliVity 380 Gen9 Support Only	
FIRMWARE DETAILS:	LSI Package	24.21.0-0132
	LSI Gas Gauge	26071-05
	SAS Expander	4.22
	HPE Drive Firmware	HPGE, HPG3

LSI FIRMWARE:	<u>790-000107-lsi-t.iso</u>	
RELEASE DATE:	2021/12/06	
NOTES	HPE SimpliVity 380 Gen9 Support Only	
FIRMWARE DETAILS:	LSI Package	24.21.0-0148
	LSI Gas Gauge	26071-05
	SAS Expander	5.09

HPE OmniStack Hypervisor Interoperability with VMware vSphere ESXi

[illegible]

VSPHERE ESXI, FILE & PATCHES	BUILD	3.7.4	3.7.5	3.7.6	3.7.6U1	3.7.7	3.7.8	3.7.9	3.7.10/ 3.7.10A	3.7.10U1	4.0.0	4.0.1	4.0.1U1	4.1.0	4.1.0U1	4.1.1U1
ESXi 6.5 P06 ⁽⁶⁾⁽⁷⁾	17477841	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N
- Q8A57-11114_hpe-esxi6.5u3ep21-16901156-650.U3.10.6.0.86-offline-bundle.zip - ESXi650-202102001.zip																
ESXi 6.5 P07 ⁽⁶⁾⁽⁷⁾	18678235	N	N	N	N	N	N	N	N	Y	C	C	Y	C	Y	N
- Q8A57-11114_hpe-esxi6.5u3ep21-16901156-650.U3.10.6.0.86-offline-bundle.zip - ESXi650-202110001.zip																
(*) ESXi 6.7 U1 ⁽³⁾	10302608	N	N	N	N	Y	Y	Y	C	C	C	C	C	C	C	C
Q8A57-11060_hpe-esxi6.7u1-10302608-670.U1.10.3.5.12-offline-bundle.zip																
(*) ESXi 6.7 U1 EP05 ⁽³⁾	10764712	N	N	N	N	Y	Y	Y	C	C	C	C	C	C	C	C
Q8A57-11072_hpe-esxi6.7u1ep07-13004448-670.U1.10.4.0.19-offline-bundle.zip																
(*) ESXi 6.7 U1 EP07 ⁽³⁾	13004448	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	C
Q8A57-11072_hpe-esxi6.7u1ep07-13004448-670.U1.10.4.0.19-offline-bundle.zip																
(*) ESXi 6.7 U2 EP09 ⁽³⁾⁽⁴⁾	13644319	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	C
Q8A57-11077_hpe-esxi6.7u2ep09-13644319-670.U2.10.4.1.8-offline-bundle.zip																
(*) ESXi 6.7 U3	14320388	N	N	N	N	N	N	C	Y	Y	Y	Y	Y	Y	Y	C
Q8A57-11082_hpe-esxi6.7u3-14320388-670.U3.10.4.5.19-offline-bundle.zip																
(*) ESXi 6.7 U3 P01 ⁽⁵⁾⁽⁶⁾	15160138	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	C
Q8A57-11098_hpe-esxi6.7u3p01-15160138-670.U3.10.5.5.25-offline-bundle.zip																
ESXi 6.7 U3 P02 ⁽⁶⁾⁽⁷⁾	16075168	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	C
- Q8A57-11098_hpe-esxi6.7u3p01-15160138-670.U3.10.5.5.25-offline-bundle.zip - ESXi670-202004002.zip																
ESXi 6.7 U3 EP15 ⁽⁶⁾⁽⁷⁾	16316930	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	C
- Q8A57-11098_hpe-esxi6.7u3p01-15160138-670.U3.10.5.5.25-offline-bundle.zip - ESXi670-202006001.zip																
ESXi 6.7 P03 ⁽⁶⁾⁽⁷⁾	16713306	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	C
- Q8A57-11098_hpe-esxi6.7u3p01-15160138-670.U3.10.5.5.25-offline-bundle.zip - ESXi670-202008001.zip																
(*) ESXi 6.7 EP16 ⁽⁶⁾	16773714	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	C
Q8A57-11113_hpe-esxi6.7u3ep16-16773714-670.U3.10.6.0.83-offline-bundle.zip																
ESXi 6.7 EP17 ⁽⁶⁾⁽⁷⁾	17098360	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	C

VSPHERE ESXI, FILE & PATCHES	BUILD	3.7.4	3.7.5	3.7.6	3.7.6U1	3.7.7	3.7.8	3.7.9	3.7.10/ 3.7.10A	3.7.10U1	4.0.0	4.0.1	4.0.1U1	4.1.0	4.1.0U1	4.1.1U1
- Q8A57-11113_hpe-esxi6.7u3ep16-16773714-670.U3.10.6.0.83-offline-bundle.zip - ESXi670-202011001.zip																
ESXi 6.7 P04 ⁽⁶⁾⁽⁷⁾	17167734	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	C
- Q8A57-11113_hpe-esxi6.7u3ep16-16773714-670.U3.10.6.0.83-offline-bundle.zip - ESXi670-202011002.zip																
ESXi 6.7 EP18 ⁽⁶⁾⁽⁷⁾	17499825	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	C
- Q8A57-11113_hpe-esxi6.7u3ep16-16773714-670.U3.10.6.0.83-offline-bundle.zip - ESXi670-202102001.zip																
(*) ESXi 6.7 P05 ⁽⁶⁾⁽⁷⁾⁽⁸⁾	17700523	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y
Q8A57-11122_hpe-esxi6.7u3p05-17700523-670.U3.10.7.0.132-offline-bundle.zip																
ESXi 6.7 P06 ⁽⁶⁾⁽⁷⁾⁽⁸⁾	18828794	N	N	N	N	N	N	N	N	Y	C	C	Y	C	Y	Y
- Q8A57-11122_hpe-esxi6.7u3p05-17700523-670.U3.10.7.0.132-offline-bundle.zip - ESXi670-202111001.zip																
ESXi 7.0 U1a ⁽⁶⁾⁽⁷⁾	17119627	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	C
- Q8A57-11106_hpe-esxi7.0u1-16850804-701.0.0.10.6.0.40-offline-bundle.zip - VMware-ESXi-7.0U1a-17119627-depot.zip																
ESXi 7.0 U1b ⁽⁶⁾⁽⁷⁾	17168206	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	C
- Q8A57-11106_hpe-esxi7.0u1-16850804-701.0.0.10.6.0.40-offline-bundle.zip - VMware-ESXi-7.0U1b-17168206-depot.zip																
ESXi 7.0 U1c ⁽⁶⁾⁽⁷⁾	17325551	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	C
- Q8A57-11106_hpe-esxi7.0u1-16850804-701.0.0.10.6.0.40-offline-bundle.zip - VMware-ESXi-7.0U1c-17325551-depot.zip																
ESXi 7.0 U1d ⁽⁶⁾⁽⁷⁾	17551050	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	C
- Q8A57-11106_hpe-esxi7.0u1-16850804-701.0.0.10.6.0.40-offline-bundle.zip - VMware-ESXi-7.0U1d-17551050-depot.zip																
(*) ESXi 7.0 U2a ^{(6)(7) (8)}	17867351	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y ₉	Y
Q8A57-11123_hpe-esxi7.0u2a-17867351-702.0.0.10.7.0.52-offline-bundle.zip																
(*) ESXi 7.0 U2d ^{(6)(7) (8)}	18538813	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y ₉	Y

VSPHERE ESXi, FILE & PATCHES	BUILD	3.7.4	3.7.5	3.7.6	3.7.6U1	3.7.7	3.7.8	3.7.9	3.7.10/ 3.7.10A	3.7.10U1	4.0.0	4.0.1	4.0.1U1	4.1.0	4.1.0U1	4.1.1U1
Q8A57-11127_hpe-esxi7.0u2d-18538813-702.0.0.10.7.0.52-offline-bundle.zip																

The specific ESXi upgrade bundles can be downloaded from the [Hewlett Packard Enterprise Customer Support site](#). Note that older packages may have been retired and removed from the source location.

² HPE SimpliVity 380 Gen9 support only.

³ Upgrading to ESXi 6.7U1 from ESXi 6.5 versions requires the removal of the Emulex driver vib from the ESXi host before upgrading. Support KB Article can be found here: https://support.hpe.com/hpsc/doc/public/display?sp4ts.oid=1010292248&docLocale=en_US&docId=mmr_sf-EN_US000022851

⁴ vSphere 6.7u2 has significant enhancements to support the AMD EPYC architecture and therefore we highly recommend its use with the HPE SimpliVity 325 Gen10 solutions.

⁵ These two versions of ESXi 6.7 U3 Patch 01 & ESXi 6.5 Update 3 Patch 04 are packaged with different drivers. The Upgrade Manager understands how to upgrade from the first to the second.

⁶ Requires firmware version SVTSP-2020_0701.03.iso or greater.

⁷ The Patch file listed should be retrieved from VMware site and is not HPE SimpliVity specific. The patch should be applied on top of SimpliVity supported ESXi Version.

⁸ From 4.1.1U1 an additional file called 'HPE SimpliVity InterOp Catalog' is needed along with its associated digital signature file to upgrade ESXi software to ESXi 6.7 P05/ESXi 7.0 Update 2a or later using Upgrade Manager. The same can be downloaded from Hewlett Packard Enterprise Customer Support site. Refer to HPE SimpliVity 4.1.1U1 Upgrade Guide for more details

- All federated compute nodes must run a VMware vSphere ESXi version of the same major release as the HPE OmniStack platforms:
- For the supported VMware ESXi upgrade path, refer to the [VMware Interoperability Matrix](#).
- Upgrade Manager only supports versions of VMware ESXi listed in this document that are marked with (*)
- To install other qualified versions not marked with (*) you must perform a manual upgrade.
- Versions not listed in this document are not supported.
 - **Y** = Supported Version
 - **C** = Compatible Version but not explicitly verified
 - **N** = Unsupported Version
 - **g** = Not support for Gen9 servers

VMware vCenter Interoperability

The VMware filename for the vCenter Server or vCenter Server Appliance is given where still available. Not all files are still available on the VMware website.

- Only versions listed in this document are verified for operation with OmniStack software.

- Customers are strongly advised to upgrade only to versions listed here.
- A customer may upgrade vCenter to an unlisted **patch version** only when the vCenter major and minor versions are already listed in this document. Unlisted major or minor version updates are not supported.
 - For example, if vCenter Server 6.5 Update 3e is the latest supported 6.5 version in this document, and VMware releases patch version 6.5 Update 3g to fix a security issue, it is acceptable to upgrade to Update 3g before HPE updates the document.
 - However, if VMware releases a new minor version 6.5 Update 4 and HPE has not yet added Update 4 to this document, a vCenter upgrade to 6.5 Update 4 would not be supported.
 - Customer must accept that new/unlisted patch versions have not yet been qualified by HPE SimpliVity.
- Customers on an lower than listed vCenter patch version should upgrade to a supported/listed version in this guide at the earliest opportunity.

VMWARE VCENTER/VCESA FILES	BUILD	3.7.4	3.7.5	3.7.6	3.7.6U1	3.7.7	3.7.8	3.7.9	3.7.10/ 3.7.10A	3.7.10U1	4.0.0	4.0.1	4.0.1U1	4.1.0	4.1.0U1	4.1.1U1
vCenter Server 6.5	4602587	C	C	C	C	C	C	C	C	C	C	C	C	C	C	N
vCenter Server 6.5 0b	5178943	C	C	C	C	C	C	C	C	C	C	C	C	C	C	N
• VMware-VIMPatch-T-6.5.0-5178943.iso																
vCenter Server 6.5 U1	5973321	C	C	C	C	C	C	C	C	C	C	C	C	C	C	N
vCenter Server 6.5 U1b	6816762	Y ¹	C	C	C	C	C	C	C	C	C	C	C	C	C	N
vCenter Server 6.5 U1d	7312210	Y ¹	C	C	C	C	C	C	C	C	C	C	C	C	C	N
• VMware-VIMPatch-T-6.5.0-7312210.iso																
vCenter Server 6.5 U1g	8024368	Y ¹	Y ¹	Y ¹	Y ¹	C	C	C	C	C	C	C	C	C	C	N
vCenter Server 6.5 U2	8307201	Y ¹	Y ¹	Y ¹	Y ¹	C	C	C	C	C	C	C	C	C	C	N
• VMware-VIMPatch-T-6.5.0-8307201.iso																
vCenter Server 6.5 U2b	8815520	Y ¹	Y ¹	Y ¹	Y ¹	C	C	C	C	C	C	C	C	C	C	N
vCenter Server 6.5 U2c	9451637	C	Y	Y	Y	Y	C	C	C	C	C	C	C	C	C	N
• If upgrading to ESXi 6.5u2c or later, upgrade vCenter Server, then ESXi.																
vCenter Server 6.5 U2d	10964411	C	C	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
• If upgrading to ESXi 6.5u2c or later, upgrade vCenter Server, then ESXi.																
vCenter Server 6.5 U3	14020092	C	C	C	C	C	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
vCenter Server 6.5 U3f	15259038	C	C	C	C	C	C	C	Y	Y	Y	Y	Y	Y	Y	N

[illegible]

[illegible]

VMWARE VCENTER/VCSA FILES	BUILD	3.7.4	3.7.5	3.7.6	3.7.6U1	3.7.7	3.7.8	3.7.9	3.7.10/ 3.7.10A	3.7.10U1	4.0.0	4.0.1	4.0.1U1	4.1.0	4.1.0U1	4.1.1U1
vCenter Server Appliance 6.5 U3i	15808842	C	C	C	C	C	C	C	Y	Y	Y	Y	Y	Y	Y	N
VMware-vCenter-Server-Appliance-6.5.0.32300-15808842-patch-FP.iso																
vCenter Server Appliance 6.5 U3j	16275158	C	C	C	C	C	C	C	Y	Y	Y	Y	Y	Y	Y	N
VMware-vCenter-Server-Appliance-6.5.0.32400-16275158-patch-FP.iso																
vCenter Server Appliance 6.5 U3k	16613358	C	C	C	C	C	C	C	Y	Y	Y	Y	Y	Y	Y	N
VMware-vCenter-Server-Appliance-6.5.0.33000-16613358-patch-FP.iso																
vCenter Server Appliance 6.5 U3l	16764584	C	C	C	C	C	C	C	Y	Y	Y	Y	Y	Y	Y	N
VMware-vCenter-Server-Appliance-6.5.0.33100-16764584-patch-FP.iso																
vCenter Server Appliance 6.5 U3m	17027909	C	C	C	C	C	C	C	Y	Y	Y	Y	Y	Y	Y	N
VMware-vCenter-Server-Appliance-6.5.0.33200-17027909-patch-FP.iso																
vCenter Server Appliance 6.5 U3n	17590285	C	C	C	C	C	C	C	Y	Y	Y	Y	Y	Y	Y	N
VMware-vCenter-Server-Appliance-6.5.0.34000-17590285-patch-FP.iso																
vCenter Server Appliance 6.5 U3o	17720264	C	C	C	C	C	C	C	C	Y	Y	Y	Y	Y	Y	N
VMware-vCenter-Server-Appliance-6.5.0.34100-17720264-patch-FP.iso																
vCenter Server Appliance 6.5 U3p	17994927	C	C	C	C	C	C	C	C	Y	Y	Y	Y	Y	Y	N
VMware-vCenter-Server-Appliance-6.5.0.35000-17994927-patch-FP.iso																
vCenter Server Appliance 6.7 U1	10244745	N	N	N	N	Y	Y	Y	C	C	C	C	C	C	C	C
vCenter Server Appliance 6.7 U1b	11726888	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	C
VMware-vCenter-Server-Appliance-6.7.0.21000-11726888-patch-FP.iso																
vCenter Server Appliance 6.7 U2c	14070457	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	C
VMware-vCenter-Server-Appliance-6.7.0.32000-14070457-patch-FP.iso																
vCenter Server Appliance 6.7 U3	14367737	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	C
Appliance-6.7.0.40000-14367737-patch-FP.iso																
vCenter Server Appliance 6.7 U3b	15132721	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	C

VMWARE VCENTER/VCSA FILES		BUILD	3.7.4	3.7.5	3.7.6	3.7.6U1	3.7.7	3.7.8	3.7.9	3.7.10/ 3.7.10A	3.7.10U1	4.0.0	4.0.1	4.0.1U1	4.1.0	4.1.0U1	4.1.1U1
Appliance-6.7.0.42000-15132721-patch-FP.iso																	
vCenter Server Appliance 6.7 U3f		15976714	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	C
VMware-vCenter-Server-Appliance-6.7.0.43000-15976714-patch-FP.iso																	
vCenter Server Appliance 6.7 U3g		16046470	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	C
VMware-vCenter-Server-Appliance-6.7.0.44000-16046470-patch-FP.iso																	
vCenter Server Appliance 6.7 U3h		16275304	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	C
VMware-vCenter-Server-Appliance-6.7.0.44100-16275304-patch-FP.iso																	
vCenter Server Appliance 6.7 U3i		16616482	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	C
VMware-vCenter-Server-Appliance-6.7.0.44200-16616482-patch-FP.iso																	
vCenter Server Appliance 6.7 U3j		16708996	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	C
VMware-vCenter-Server-Appliance-6.7.0.45000-16708996-patch-FP.iso																	
vCenter Server Appliance 6.7 U3k		17028579	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	C
VMware-vCenter-Server-Appliance-6.7.0.45100-17028579-patch-FP.iso																	
vCenter Server Appliance 6.7 U3l		17138064	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	C
VMware-vCenter-Server-Appliance-6.7.0.46000-17138064-patch-FP.iso																	
vCenter Server Appliance 6.7 U3m		17713310	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	C
VMware-vCenter-Server-Appliance-6.7.0.47000-17713310-patch-FP.iso																	
vCenter Server Appliance 6.7 U3n		18010531	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	C
VMware-vCenter-Server-Appliance-6.7.0.48000-18010531-patch-FP.iso																	
vCenter Server Appliance 6.7 U3o		18485166	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y
VMware-vCenter-Server-Appliance-6.7.0.48000-18010531-patch-FP.iso																	
vCenter Server Appliance 7.0.0a		16189094	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y _d
VMware-vCenter-Server-Appliance-7.0.0.10300-16189094-patch-FP.iso																	
Upgrade VCSA to 7.0u2b or later, before upgrading to ESXi 7.0u2a or 7.0u2d																	
vCenter Server Appliance 7.0.0b		16386292	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y _d

VMWARE VCENTER/VCSA FILES	BUILD	3.7.4	3.7.5	3.7.6	3.7.6U1	3.7.7	3.7.8	3.7.9	3.7.10/ 3.7.10A	3.7.10U1	4.0.0	4.0.1	4.0.1U1	4.1.0	4.1.0U1	4.1.1U1
- VMware-vCenter-Server-Appliance-7.0.0.10400-16386292-patch-FP.iso - Upgrade VCSA to 7.0u2b or later, before upgrading to ESXi 7.0u2a or 7.0u2d																
vCenter Server Appliance 7.0.0c	16620007	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y _d
- VMware-vCenter-Server-Appliance-7.0.0.10600-16620007-patch-FP.iso - Upgrade VCSA to 7.0u2b or later, before upgrading to ESXi 7.0u2a or 7.0u2d																
vCenter Server Appliance 7.0.0d	16749653	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y _d
- VMware-vCenter-Server-Appliance-7.0.0.10700-16749653-patch-FP.iso - Upgrade VCSA to 7.0u2b or later, before upgrading to ESXi 7.0u2a or 7.0u2d																
vCenter Server Appliance 7.0 U2b	17958471	N	N	N	N	N	N	N	N	N	N	N	N	Y*	Y*	Y
** VMware-vCenter-Server-Appliance-7.0.2.00200-17958471-patch-FP.iso																
vCenter Server Appliance 7.0 U2c	18356314	N	N	N	N	N	N	N	N	N	N	N	N	C*	C*	Y
VMware-vCenter-Server-Appliance-7.0.2.00400-18356314-patch-FP.iso																
vCenter Server Appliance 7.0 U2d	18455184	N	N	N	N	N	N	N	N	N	N	N	N	C*	C*	Y
VMware-vCenter-Server-Appliance-7.0.2.00500-18455184-patch-FP.iso																

1. Basic GUI functionality may work with the VMware vSphere Web Client plugin from this release, but has not been explicitly verified.

- See the HPE OmniStack Component Build Versions table at the end of the document to verify the proper version of the vSphere Web Client Plugin is matched with the OmniStack version being run.

* Upgrade to VCSA 7u2b/7u2c/7u2d is supported for 4.1.0/4.1.0U1. Refer to https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00115570en_us for instructions.

** FIPS is not supported on VCSA 7.0 u2b

- For the supported vCenter upgrade path, refer to [VMware Interoperability Matrix](#)
- Y = Supported Version
- C = Compatible Version but not explicitly verified
- N = Unsupported Version
- d = Not supported for fresh deploy with ESXi 7.0u2a

VMware vSphere License Interoperability

VSPHERE LICENSE	3.7.4	3.7.5	3.7.6	3.7.6.U1	3.7.7	3.7.8	3.7.9	3.7.10/ 3.7.10A	3.7.10U 1	4.0.0	4.0.1	4.0.1U1	4.1.0	4.1.0U1	4.1.1U1
VMware vSphere Standard	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
VMware vSphere Enterprise Plus	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
VMware vSphere with Operations Management Enterprise Plus	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
VMware vSphere Essentials ¹	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
VMware vSphere Essentials Plus ¹	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
VMware vSphere Remote Office Branch Office	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
VMware vSphere Remote Office Branch Office Advanced	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

1. Essentials/Essentials Plus license is restricted to 3 hosts maximum, does not support linked-mode vCenter, and does not support VMware Storage Accelerated VAAI clones.

Other External Product Interoperability

Supported StoreOnce Configurations:

- HPE StoreOnce Gen3 with minimum 3.18.18 software
- HPE StoreOnce Gen4 with minimum 4.2.1 software
- HPE StoreOnce VSA and Appliances

HPE StoreOnce External Backup Interoperability

RELEASE	HPE STOREONCE 3.X	HPE STOREONCE 4.X
4.0.0	3.18.18	4.2.1
4.0.1	3.18.18	4.2.1
4.0.1U1	3.18.18	4.2.1
4.1.0	3.18.18	4.2.1
4.1.0 U1	3.18.18	4.2.1
4.1.1U1	3.18.18	4.2.1

- The HPE StoreOnce versions listed here are the minimum version numbers for the HPE SimpliVity software release indicated. There is interoperability with all newer HPE StoreOnce releases. See the HPE SimpliVity page in the HPE StoreOnce support matrix for details of features supported with StoreOnce. www.hpe.com/storage/StoreOnceSupportMatrix

HPE OmniStack Family Compatibility for Deployment and Upgrades

HPE SimpliVity 380 Gen9 Family Supported Deployment Paths

RELEASE	HPE SIMPLIVITY 380 GEN9 SMALL FLASH Q5V84A	HPE SIMPLIVITY 380 GEN9 MEDIUM FLASH Q5V84A	HPE SIMPLIVITY 380 GEN9 LARGE FLASH Q5V84A
3.7.3	Y	Y	Y
3.7.4	Y	Y	Y
3.7.5	Y	Y	Y
3.7.6	Y	Y	Y
3.7.6U1	Y	Y	Y
3.7.7	Y	Y	Y
3.7.8	Y	Y	Y
3.7.9	Y	Y	Y
3.7.10	Y	Y	Y
3.7.10A			
3.7.10U1	Y	Y	Y
4.0.0	Y	Y	Y
4.0.1	Y	Y	Y
4.0.1U1	Y	Y	Y
4.1.0	N	N	N
4.1.0U1	Y	Y	Y
4.1.1U1	N	N	N

- HPE SimpliVity 380 Gen9 only supports VMware vSphere hypervisor
- HPE SimpliVity 380 Gen9 End of Sale December 2018
- HPE SimpliVity 380 Gen9 End of Feature Support August 2021
- HPE SimpliVity 380 Gen9 customers can upgrade from 4.0.1U1 to 4.1.0U1

HPE SimpliVity 380 Gen10 Family Supported Deployment Paths

RELEASE	HPE SIMPLIVITY 380 GEN10 X-SMALL Q8D81A	HPE SIMPLIVITY 380 GEN10 SMALL Q8D81A	HPE SIMPLIVITY 380 GEN10 MEDIUM Q8D81A	HPE SIMPLIVITY 380 GEN10 LARGE Q8D81A	HPE SIMPLIVITY 380 GEN10 X-LARGE Q8D81A
3.7.3	V	V	V	V	N
3.7.4	V	V, M	V, M	V	V*
3.7.5	V	V, M	V, M	V	V*
3.7.6	V, M	V, M	V, M	V, M	V*
3.7.6U1	V, M	V, M	V, M	V, M	V*
3.7.7	V, M	V, M	V, M	V, M	V*
3.7.8	V, M	V, M	V, M	V, M	V*
3.7.9	V, M	V, M	V, M	V, M	V*
3.7.10	V, M	V, M	V, M	V, M	V*
3.7.10A					
3.7.10U1	V, M	V, M	V, M	V, M	V*
4.0.0	V, M	V, M	V, M	V, M	V*
4.0.1	V, M	V, M	V, M	V, M	V*
4.0.1U1	V, M	V, M	V, M	V, M	V*
4.1.0	V	V	V	V	V*
4.1.0U1	V	V	V	V	V*
4.1.1U1	V	V	V	V	V*

- **V** = VMware (4000 & 6000 series drives)
- **V*** = VMware (4000 series drives only)
- **M** = Microsoft Hyper-V (4000 series drives)
- **N** = Unsupported version

- HPE SimpliVity 380 Gen10 (Q8D81A) End of Sale August 2021

HPE SimpliVity 2600 Gen10 Family Supported Deployment Paths

RELEASE	HPE SIMPLIVITY 2600 (170) Q9Y47A	HPE SIMPLIVITY 2600 (190) Q9Y48A
3.7.5 ⁽³⁾	Y	Y
3.7.6 ⁽¹⁾⁽²⁾⁽³⁾	Y	Y
3.7.6U1 ⁽³⁾	Y	Y

RELEASE	HPE SIMPLIVITY 2600 (170) Q9Y47A	HPE SIMPLIVITY 2600 (190) Q9Y48A
3.7.7 ⁽³⁾	Y	Y
3.7.8	Y	Y
3.7.9	Y	Y
3.7.10/3.7.10A	Y	Y
3.7.10U1	Y	Y
4.0.0	Y	Y
4.0.1	Y	Y
4.0.1U1	Y	Y
4.1.0	Y	Y
4.1.0U1	Y	Y
4.1.1U1	Y	Y

1. The deployment of HPE SimpliVity OmniStack 3.7.6 on HPE SimpliVity 2600 provides higher capacity than 3.7.5 on HPE SimpliVity 2600.
2. For HPE SimpliVity 2600 upgrading from 3.7.5 to 3.7.6 will not result in a higher usable capacity. Only a new deployment with 3.7.6 will result in a higher usable capacity
3. ESXi upgrade through the HPE SimpliVity Upgrade Manager was introduced in the 3.7.5 release. This functionality was limited to supporting HPE SimpliVity 380 systems only for ESXi and does not support HPE SimpliVity 2600 systems. This limitation is in place for 3.7.5, 3.7.6, and 3.7.7 releases of Upgrade Manager. Manual upgrade processes for ESXi on HPE SimpliVity 2600 systems will continue to allow customers running these releases to upgrade ESXi. The HPE SimpliVity Upgrade Manager supports the ESXi upgrade on HPE SimpliVity 2600 systems starting from 3.7.8 release.

HPE SimpliVity 380 Gen10 G Family Supported Deployment Paths

RELEASE	HPE SIMPLIVITY 380 GEN10 G 7.5TB R2G96A	HPE SIMPLIVITY 380 GEN10 G 10TB R2G96A	HPE SIMPLIVITY 380 GEN10 G 15TB R2G96A	HPE SIMPLIVITY 380 GEN10 G 21TB R2G96A	HPE SIMPLIVITY 380 GEN10 G 32TB R2G96A
3.7.8	Y	N	N	N	N
3.7.9	Y	N	N	N	N
3.7.10 3.7.10A	Y	Y	N	N	N
3.7.10U1	Y	Y	N	N	N
4.0.0	Y	Y	Y	Y	N
4.0.1	Y	Y	Y	Y	N
4.0.1U1	Y	Y	Y	Y	N
4.1.0	Y	Y	Y	Y	Y

RELEASE	HPE SIMPLIVITY 380 GEN10 G 7.5TB R2G96A	HPE SIMPLIVITY 380 GEN10 G 10TB R2G96A	HPE SIMPLIVITY 380 GEN10 G 15TB R2G96A	HPE SIMPLIVITY 380 GEN10 G 21TB R2G96A	HPE SIMPLIVITY 380 GEN10 G 32TB R2G96A
4.1.0U1*	Y	Y	Y	Y	Y
4.1.1U1	Y	Y	Y	Y	Y

*Storage Expansion for HPE SimpliVity 380 G is supported using 4.1.0U1 software:

Ability to add drives to a SimpliVity node in the field to introduce three predefined upgrades as follows:

Gx6toGx8 (Small Upgrade Kit).

Gx8toGx12 (Medium Upgrade Kit).

Gx12toGx16 (Large Upgrade Kit).

Redeploy needed. Contact your Pointnext Services delivery team for assistance.

HPE SimpliVity 380 Gen10 H Family Supported Deployment Paths

RELEASE	HPE SIMPLIVITY 380 GEN10 H LFF 25TB R2Z00A	HPE SIMPLIVITY 380 GEN10 H SFF 20TB R4D36A
3.7.9	Y	N
3.7.10	Y	N
3.7.10A		
3.7.10U1	Y	N
4.0.0	Y	Y
4.0.1	Y	Y
4.0.1U1	Y	Y
4.1.0	Y	Y
4.1.0U1	Y	Y
4.1.1U1	Y	Y

HPE SimpliVity 325 Gen 10 Family Supported Deployment Paths

RELEASE	HPE SIMPLIVITY 325 GEN10 X-SMALL R2Z06A	HPE SIMPLIVITY 325 GEN10 SMALL R2Z06A
3.7.9	Y	Y
3.7.10	Y	Y
3.7.10A		
3.7.10U1	Y	Y
4.0.0	Y	Y
4.0.1	Y	Y

HPE Omnistack 4.1.1 is the first release to introduce HPE SimpliVity 325 Gen10 Plus v2 platform.

RELEASE	HPE SIMPLIVITY 325 GEN10 PLUS V2 X-SMALL R8U88A	HPE SIMPLIVITY 325 GEN10 PLUS V2 SMALL R8U88A	HPE SIMPLIVITY 325 GEN10 PLUS V2 MEDIUM R8U88A
4.1.1*	Y	Y	Y
4.1.1U1	Y	Y	Y

Supported Upgrade Paths

Upgrade paths claimed in below table are not absolute, and are subject to supportability mentioned in [ESXi](#) and [Firmware](#) tables for respective versions.

[illegible]

FROM\TO	3.7.4	3.7.5	3.7.6	3.7.6U1	3.7.7	3.7.8	3.7.9	3.7.10	3.7.10U1	4.0.0	4.0.1	4.0.1U1	4.1.0	4.1.0U1	4.1.1U1
								3.7.10A							
3.7.5		Y ²	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
3.7.6			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
3.7.6U1				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
3.7.7					Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y ⁶
3.7.8						Y ³	Y	Y	Y	Y	Y	Y	Y	Y	Y ⁶
3.7.9							Y ^{4,5}	Y	Y	Y	Y	Y	Y	Y	Y ⁶
3.7.10									Y	Y	Y	Y	Y	Y	Y ⁶
3.7.10A															
3.7.10U1									Y	Y	Y	Y	Y	Y	Y ⁶
4.0.0										Y	Y	Y	Y	Y	Y ⁶
4.0.1											Y	Y	Y	Y	Y ⁶
4.0.1U1												Y ⁶	Y	Y	Y ⁶
4.1.0													Y	Y	Y
4.1.0U1															Y ⁶

1. For Microsoft Hyper-V Server, there is no upgrade path prior to HPE OmniStack 3.7.4.
2. For HPE SimpliVity 2600 there is no upgrade path prior to HPE OmniStack 3.7.5.
3. For HPE SimpliVity 380 Gen10 G, there is no upgrade path prior to HPE OmniStack 3.7.8.
4. For HPE SimpliVity 380 Gen10 H, there is no upgrade path prior to HPE OmniStack 3.7.9.
5. For HPE SimpliVity 325 Gen10, there is no upgrade path prior to HPE OmniStack 3.7.9.
6. For HPE SimpliVity 380 Gen9, there is no upgrade path to HPE OmniStack 4.1.0 OR 4.1.1U1

- **Y** = Supported Version
- **N** = Unsupported Version

HPE OmniStack Host Interoperability Within and Across Clusters

HPE SimpliVity Host Interoperability Within Clusters

All HPE SimpliVity models (including legacy platforms) are supported within the same cluster with the following caveats:

- Up through release 3.7.8, HPE SimpliVity 2600 solutions must be in their own unique clusters and cannot be mixed within a cluster with other HPE SimpliVity offerings. As of release 3.7.9 and later, they may be mixed in a cluster with other HPE SimpliVity offerings.
- In release 3.7.8, HPE SimpliVity 380 Gen10 G solutions must be in their own unique clusters and cannot be mixed within a cluster with other HPE SimpliVity offerings.
- As of release 3.7.9 and later, HPE SimpliVity 380 Gen10 G may be mixed in a cluster with other HPE SimpliVity offerings (HPE SimpliVity 380 Gen10).
- In release 3.7.9, HPE SimpliVity 380 Gen10 H solutions must be in their own unique clusters and cannot be mixed within a cluster with other HPE SimpliVity offerings.
- In release 3.7.9 and later, HPE SimpliVity 325 Gen10 solutions must be in their own unique clusters and cannot be mixed within a cluster with other HPE SimpliVity offerings.
- When using the SimpliVity 325 Gen10 solution with compute nodes in the same cluster, the compute nodes must have AMD EPYC processors.

Mixing of configurations is allowed with certain caveats:

- Mixing of processor generations requires configuring the cluster to support migration between processor generations. For VMware clusters this means enabling Enhanced VMotion Compatibility (EVC) to the lowest common processor before adding newer processors. Virtual machines on this cluster will not be able to utilize processor features above this level.
- Mixing different drive configurations within a cluster results in unbalanced I/O performance.
- All HPE SimpliVity hosts in the cluster should be a similar size class (all small, all medium, all large, etc.).

For the best experience and performance, HPE recommends that all members of a cluster be of similar configuration.

HPE SimpliVity Host Interoperability Across Clusters

All HPE SimpliVity models (including legacy platforms) are supported across clusters, with the following caveat:

- Mixing Microsoft Hyper-V and VMware systems in the same federation is not supported.

Mixed Software Versions in a Federation

It is possible for clusters in a federation to use different versions of the HPE OmniStack software. For example, if you have three clusters in a federation, Cluster 1 could use an older version of the software, while Clusters 2 and 3 use newer versions.

This scenario is currently only reached by upgrading some but not all clusters in a federation to a new version using cluster commit.

CLUSTER VERSION RUNNING IN FED	UPGRADE ALL CLUSTERS	UPGRADE SINGLE CLUSTER	DEPLOY NEW CLUSTER AT EXISTING CLUSTER VERSION	DEPLOY NEW CLUSTER AT HIGHER CLUSTER VERSION
3.7.10	Y	N	Y	N
3.7.10A				
3.7.10U1	Y	Y	Y	N
4.0.0	Y	Y	Y	N
4.0.1	Y	Y	Y	Y
4.0.1U1	Y	Y	Y	Y
4.1.0	Y	Y	Y	Y
4.1.0U1	Y	Y	Y	Y
4.1.1U1	Y	Y	Y	Y

- **Y** = Supported capability
- **N** = Unsupported capability

Upgrade:

- Upgrades from 3.7.10/3.7.10A and earlier require full federation commit.
- If you are upgrading from 3.7.10/3.7.10A or earlier, you must first upgrade all clusters in the federation and only then commit the clusters. Upgrading and committing a subset of the clusters in the federation while leaving the remaining at 3.7.10/3.7.10A or earlier can create interoperability issues. To achieve federation commit, perform the upgrade on all clusters and then commit the clusters.

- Going forward from 3.7.10U1, cluster commit allows some clusters to stay at the current release while others are upgraded to a later release.
- Upgrade of the vCenter/VCSA to 7.0 requires that the entire federation must first be upgraded to 4.1.0 or 4.1.0U1 and committed.
 - Customers on Gen9 should be on 4.1.0U1

Deployment:

- New cluster deployments in federations running 3.7.10/3.7.10A and earlier must match the version running in the rest of the federation.
- Beginning in 3.7.10U1, new cluster deployments must match the version of at least one other cluster in the federation.
- Beginning in 4.0.1, if the minimum version in the federation is 3.7.10U1 and there is at least one cluster with 4.0.1 or later then a new cluster can be deployed at 4.0.1 or later.
- Upgrade the federation to 4.1.0 or 4.1.0U1 and commit (which means no more clusters with less than 4.1.0), upgrade vCenter to 7.0, only then bring in 7.0 nodes into a new cluster

For additional information about deployment and upgrade requirements, see the HPE OmniStack for vSphere Administration Guide or HPE OmniStack for Hyper-V Administration Guide.

HPE OmniStack Software Version-Specific Notes

- HPE SimpliVity 380 Gen9 hosts support mixed federations starting in HPE OmniStack 3.7.0.
- Cisco/Dell/Lenovo customers upgrading to HPE OmniStack 3.7.3 and using HPE SimpliVity Rapid DR, need to install HPE SimpliVity RapidDR v2.0 or later for their disaster recovery (DR) orchestration needs.
- HPE SimpliVity 380 Gen10 hosts support mixed federations with Dell, Cisco, or Lenovo platforms starting with HPE OmniStack 3.7.3.
- For Microsoft Hyper-V, there is no upgrade path prior to HPE OmniStack 3.7.4.
- HPE OmniStack 3.7.4 and 3.7.5 for Hyper-V support only Gen10 small and medium servers.
- HPE OmniStack 3.7.6 for Hyper-V introduced support for HPE SimpliVity Gen10 extra small and large servers.
- HPE SimpliVity 2600 hosts support mixed federations with HPE SimpliVity Gen9/Gen10, Dell, Cisco, or Lenovo platforms starting with HPE OmniStack 3.7.6. The HPE SimpliVity 2600 hosts must be in their own unique clusters, as noted above, up through version 3.7.8, but may be in shared clusters in version 3.7.9 and later.
- HPE SimpliVity 380 Gen10 G hosts support mixed federations with HPE SimpliVity Gen9/Gen10/2600, Dell, Cisco or Lenovo platforms starting with HPE OmniStack 3.7.8. The HPE SimpliVity 380 Gen10 G hosts must be in their own unique clusters, as noted above, in version 3.7.8, but may be in shared clusters in version 3.7.9 and later.
- HPE SimpliVity 380 Gen10 H hosts support mixed federations with HPE SimpliVity Gen9/Gen10/2600, Dell, Cisco or Lenovo platforms starting with HPE OmniStack 3.7.9. The HPE SimpliVity 380 Gen10 H hosts must be in their own unique clusters, as noted above.
- HPE SimpliVity 380 Gen10 Flash hardware platforms are supported in the same cluster with OmniStack Cisco, Dell & Lenovo Integrated Solutions starting with HPE OmniStack 3.7.8.
- HPE SimpliVity 325 Gen10 hosts support mixed federations with HPE SimpliVity Gen9/Gen10/2600, Dell, Cisco or Lenovo platforms starting with HPE OmniStack 3.7.9. The HPE SimpliVity 325 Gen10 hosts must be in their own unique clusters, as noted above.
- Dell/Cisco/Lenovo systems cannot be upgraded to HPE OmniStack version 4.0.0 or later. If HPE SimpliVity systems are in the same cluster with Dell/Cisco/Lenovo systems, they cannot be upgraded to 4.0.0 or later unless the Dell/Cisco/Lenovo systems are removed or replaced with HPE SimpliVity systems.

HPE OmniStack Component Build Versions

VERSION	HPE OMNISTACK SOFTWARE	ARBITER SOFTWARE	VMM ADD-IN	VSPHERE WEB CLIENT PLUGIN	UPGRADE MANAGER	DEPLOYMENT MANAGER	DEPLOY INSTALLER
3.7.4	3.7.4.52	3.7.4.11	3.7.4.39	13.41.0	3.7.4.97	3.7.4.113	8.83.3
3.7.5¹	3.7.5.126	3.7.5.68	3.7.5.116	15.7.3	3.7.5.301	3.7.5.247	8.107.2
	3.7.5.132		3.7.5.123	15.8.0	3.7.5.365	3.7.5.250	8.108.4
3.7.6	3.7.6.157	3.7.6.55	3.7.6.213	15.39.20	3.7.6.269	3.7.6.244	8.146.5
3.7.6U1	3.7.6.160	3.7.6.56	3.7.6.213	15.39.20	3.7.6.272	3.7.6.246	8.146.8
3.7.7	3.7.7.178	3.7.7.127	3.7.7.427	15.78.5	3.7.7.281	3.7.7.390	8.192.11
3.7.8	3.7.8.232	3.7.8.130	3.7.8.400	16.23.0	3.7.8.378	3.7.8.430	9.8.5
3.7.9	3.7.9.279	3.7.9.124	3.7.9.459	16.58.0	3.7.9.361	3.7.9.775	9.56.1
3.7.10 3.7.10A²	3.7.10.200	3.7.10.91	3.7.10.444	17.25.0 17.25.2	3.7.10.249	3.7.10.357	10.35.0
3.7.10U1	3.7.10.232	3.7.10.122	3.7.10.456	17.27.0	3.7.10.289	3.7.10.383	10.40.2
4.0.0	4.0.0.1249	4.0.0.620	4.0.0.309	4.0.0.179	4.0.0.172	4.0.0.358	10.80.4
4.0.1	4.0.1.184	4.0.1.72	4.0.1.441	4.0.1.444	4.0.1.226	4.0.1.334	10.110.7
4.0.1U1	4.0.1.206	4.0.1.78	4.0.1.447	4.0.1.447	4.0.1.242	4.0.1.346	10.111.3
4.1.0	4.1.0.266	4.1.0.133	4.1.0.527	4.1.0.527	4.1.0.298	4.1.0.382	10.162.1
4.1.0U1	4.1.0.284	4.1.0.137	4.1.0.536	4.1.0.536	4.1.0.312	4.1.0.399	10.166.0
4.1.1U1	4.1.1.639	4.1.1.245	4.1.1.670	4.1.1.670	4.1.1.632	4.1.1.468	11.83.7

¹ Both 3.7.5 releases may be found in the field, and are compatible within the same federation. It is not possible to commit an upgrade of a federation that contains both versions; if you are deploying new systems of one 3.7.5 release into a federation of the other 3.7.5 release during an upgrade, you must wait until the upgrade is committed before deploying the new system.

² Both 17.25.0 and 17.25.2 vSphere web client plugin releases may be found in the field for OmniStack software version 3.7.10.200. For federations running with linked mode vCenter Servers where one or more of the linked vCenter Servers do not include any HPE SimpliVity systems, the 17.25.2 version is required.

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