



**Hewlett Packard**  
Enterprise

# **HPE SimpliVity OmniStack 4.0.1U1 Interoperability Guide**

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## HPE SimpliVity 380 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 v3.7.3. 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, HPE SimpliVity 2600 Gen10, and HPE SimpliVity 325 Gen10 Platform Firmware Interoperability

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

FIRMWARE	3.7.3	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	3.7.10 U1	4.0.0	4.0.1	4.0.1 U1
* SVT380SP-2017_1121.05.iso <sup>(1)(2)(3)(4)(5)</sup>	Y	N	N	N	N	N	N	N	N	N	N	N	N
**790-000107-lsi-d.iso (gen9 only)	Y	N	N	N	N	N	N	N	N	N	N	N	N
* SVT380SP-2018_0302.02.iso <sup>(2)(3)(4)(5)</sup>	Y	Y	Y	N	N	N	N	N	N	N	N	N	N
**790-000107-lsi-d.iso (gen9 only)	Y	Y	Y	N	N	N	N	N	N	N	N	N	N
* SVT380SP-2018_0529.02.iso <sup>(3)(4)(5)</sup>	C	C	Y	Y	Y	N	N	N	N	N	N	N	N
**790-000107-lsi-f.iso (gen9 only)	C	C	Y	Y	Y	N	N	N	N	N	N	N	N
* SVTSP-2018_0828.01.iso <sup>(3)(4)(5)</sup>	C	C	C	Y	Y	N	N	N	N	N	N	N	N
**790-000107-lsi-g.iso (gen9 only)	C	C	C	Y	Y	N	N	N	N	N	N	N	N
* SVTSP-2018_1127.01.iso <sup>(3)(4)(5)</sup>	C	C	C	C	Y	Y	N	N	N	N	N	N	N
**790-000107-lsi-h.iso (gen9 only)	C	C	C	C	Y	Y	N	N	N	N	N	N	N
* SVTSP-2019_0315.04.iso <sup>(4)(5)</sup>	C	C	C	C	Y	Y	Y	Y	N	N	N	N	N
**790-000107-lsi-j.iso (gen9 only)	C	C	C	C	Y	Y	Y	Y	N	N	N	N	N
† SVTSP-2019_0604.03.iso <sup>(5)</sup>	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y
**790-000107-lsi-k.iso (gen9 only)	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y
† SVTSP-2019_0903.01.iso	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y
**790-000107-lsi-m.iso (gen9 only)	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y
† SVTSP-2019_1216.01.iso	N	N	N	N	N	N	N	C	Y	Y	Y	Y	Y
**790-000107-lsi-n.iso (gen9 only)	N	N	N	N	N	N	N	C	Y	Y	Y	Y	Y
† SVTSP-2020_0225.06.iso	N	N	N	N	N	N	N	N	C	C	Y	Y	Y
**790-000107-lsi-p.iso (gen9 only)	N	N	N	N	N	N	N	N	C	C	Y	Y	Y
† SVTSP-2020_0701.03.iso <sup>(6)</sup>	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y
**790-000107-lsi-q.iso (gen9 only) <sup>(6)</sup>	N	N	N	N	N	N	N	N	N	Y	Y	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.

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

<sup>(2)</sup> Not supported on HPE SimpliVity 2600 models.

<sup>(3)</sup> Not supported on HPE SimpliVity 380 Gen10 G models.

<sup>(4)</sup>Not supported on HPE SimpliVity 380 Gen10 H models.

<sup>(5)</sup>Not supported on HPE SimpliVity 325 Gen10 models.

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

- **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.
  - Best practice and upgrade guides can be found here: [Hewlett Packard Enterprise Information Library](#)
  - 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 SVTSPP-2020\_0225.06.iso or later using Upgrade Manager, the system must already be running a minimum supported version of SVTSPP-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.
4. HPE SimpliVity Interoperability Support Matrix should be considered as the primary source for all supported platforms, software and firmware minimum required versions.
  - a. The HPE SimpliVity OmniStack software version defines the minimum firmware versions supported (see the table on page 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:	<a href="#">SVT380SP-2017_1121.05.iso</a>	
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:	<a href="#">SVT380SP-2018_0302.02.iso</a>	
RELEASE DATE:	2018/03/02	
NOTES	HPE SimpliVity 380 Gen9 & Gen10 Support	

FIRMWARE PACKAGE:	<u>SVT380SP-2018_0302.02.iso</u>	
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:	<u>SVT380SP-2018_0529.02.iso</u>	
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
	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

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FIRMWARE PACKAGE:	<u>SVT380SP-2018_0529.02.iso</u>	
	Gen10 Innovation Engine	0.1.5.2
	HPE Drive FW	HPG2, * HPG6

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\* HPE Customer Bulletin [a00027721](#).

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FIRMWARE PACKAGE:	<u>SVTSP-2018_0828.01.iso</u>	
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
	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

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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

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FIRMWARE PACKAGE: <u>SVTSP-2018_1127.01.iso</u>		
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	
HPE Drive FW	HPG3 HPG8	

FIRMWARE PACKAGE: <u>SVTSP-2019_0315.04.iso</u>		
RELEASE DATE: 2019/03/25		
NOTES HPE SimpliVity 380 Gen9, Gen10, Gen10 G & 2600 Gen10 Support		
FIRMWARE DETAILS:		
Gen9 System ROM	P89	2.64
Gen10 System ROM	U30	1.46
ProLiant XL170r/XL190r Gen10 System ROM	U38	1.46
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	1.39	
Gen9 Power Mgmt. Controller	1.0.9	
Gen10 Power Mgmt. Controller	1.0.4	
Broadcom NIC	2.22.3	
Intel NIC	1.16.0	
Server Platform Services	04.00.04.393	
Gen10 Innovation Engine	0.1.6.1	
HPE Drive FW	HPG3 Rev.B, HPG8	



FIRMWARE PACKAGE:	<u>SVTSP-2019_0604.03.iso</u>	
RELEASE DATE:	2019/06/04	
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
	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

FIRMWARE PACKAGE:	<u>SVTSP-2019_0903.01.iso</u>	
	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
	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:	<u>SVTSP-2020_0225.06</u>	
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
	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

FIRMWARE PACKAGE:	<a href="#">SVTSP-2020_0701.03.iso</a>	
	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
	HPE Drive FW	HPG6, HPGE, HPG3

LSI FIRMWARE:	<a href="#">790-000107-lsi-d.iso</a>	
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:	<a href="#">790-000107-lsi-f.iso</a>	
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:	<a href="#">790-000107-lsi-g.iso</a>	
RELEASE DATE:	2018/09/14	
NOTES	HPE SimpliVity 380 Gen9 Support Only	

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LSI FIRMWARE:	<a href="#">790-000107-lsi-g.iso</a>	
FIRMWARE DETAILS:	LSI Package	24.21.0-0025
	LSI Gas Gauge	6071-04A
	SAS Expander	4.02
	HPE Drive Firmware	HPG8, HPG3

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LSI FIRMWARE:	<a href="#">790-000107-lsi-h.iso</a>	
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

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LSI FIRMWARE:	<a href="#">790-000107-lsi-j.iso</a>	
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

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LSI FIRMWARE:	<a href="#">790-000107-lsi-k.iso</a>	
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

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LSI FIRMWARE:	<a href="#"><u>790-000107-lsi-m.iso</u></a>	
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
	HPE Drive Firmware	HPG8, HPG3

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LSI FIRMWARE:	<a href="#"><u>790-000107-lsi-n.iso</u></a>	
RELEASE DATE:	2019/12/16	
NOTES	HPE SimpliVity 380 Gen9 Support Only	
FIRMWARE DETAILS:	LSI Package	24.21.0-0095
	LSI Gas Gauge	26071-05
	SAS Expander	4.22
	HPE Drive Firmware	HPGE, HPG3

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LSI FIRMWARE:	<a href="#"><u>790-000107-lsi-p.iso</u></a>	
RELEASE DATE:	2020/02/25	
NOTES	HPE SimpliVity 380 Gen9 Support Only	
FIRMWARE DETAILS:	LSI Package	24.21.0-0119
	LSI Gas Gauge	26071-05
	SAS Expander	4.22
	HPE Drive Firmware	HPGE, HPG3

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LSI FIRMWARE:	<a href="#"><u>790-000107-lsi-q.iso</u></a>	
RELEASE DATE:	2020/11/15	
NOTES	HPE SimpliVity 380 Gen9 Support Only	
FIRMWARE DETAILS:	LSI Package	24.21.0-0126
	LSI Gas Gauge	26071-05

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LSI FIRMWARE:	<a href="#">790-000107-lsi-q.iso</a>
SAS Expander	4.22
HPE Drive Firmware	HPGE, HPG3

## Hypervisor Interoperability (VMware vSphere)

### HPE OmniStack Hypervisor Interoperability with VMware vSphere ESXi

VSPHERE ESXi, FILE & PATCHES	BUILD	3.7.3	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	3.7.10 U1	4.0.0	4.0.1	4.0.1 U1	
ESXi 6.0 Patch 4	4600944	C	C	C	C	C	N	N	N	N	N	N	N	N	
(*) ESXi 6.0 Express Patch 7a	5224934	C	C	C	C	C	N	N	N	N	N	N	N	N	
(*) ESXi 6.0 U3a (Patch 5)	5572656	C	C	C	C	C	N	N	N	N	N	N	N	N	
(*) ESXi 6.0 Patch 6	6921384	Y	Y	C	C	C	N	N	N	N	N	N	N	N	
ESXi 6.0 U3e	7967664	Y	Y	Y	C	C	N	N	N	N	N	N	N	N	
(*) ESXi 6.0 U3f	8934903	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	
ESXi 6.0 Express Patch 15	9313334	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	
ESXi 6.0 Express Patch 19	10719132	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	
ESXi 6.5	4564106	C	C	C	C	C	C	C	C	C	C	C	C	C	
(*) ESXi 6.5. Express Patch 1a	5224529	C	C	C	C	C	C	C	C	C	C	C	C	C	
(*) ESXi 6.5 U1	5969303	C	C	C	C	C	C	C	C	C	C	C	C	C	
(*) ESXi 6.5 U1 Express Patch 4	6765664	Y	Y	C	C	C	C	C	C	C	C	C	C	C	
(*) ESXi 6.5 Patch 02	7388607	Y	Y	Y	C	C	C	C	C	C	C	C	C	C	
(*) ESXi 6.5 U1g	7967591	Y	Y	Y	C	C	C	C	C	C	C	C	C	C	
ESXi 6.5 U2	8294253	Y	Y	Y	Y	Y	C	C	C	C	C	C	C	C	
(*) ESXi 6.5 U2b	8935087	Y	Y	Y	Y	Y	Y	Y	Y	C	C	C	C	C	
(*) ESXi 6.5 U2c	9298722	C	C	Y	Y	Y	Y	Y	Y	C	C	C	C	C	
<ul style="list-style-type: none"> <li>Q8A57-11066_hpe-esxi6.5u2c-9298722-650.U2.10.3.5.5-offline-bundle.zip</li> <li>Upgrade vCenter/VCSA to 6.5u2c or later before upgrading ESXi.</li> </ul>															
(*) ESXi 6.5 U2 Express Patch 13	13004031	C	C	C	C	C	Y	Y	Y	Y	Y	Y	Y	Y	
<ul style="list-style-type: none"> <li>Q8A57-11071_hpe-esxi6.5u2ep13-13004031-650.U2.10.4.0.29-offline-bundle.zip</li> </ul>															
(*) ESXi 6.5 U2 Express Patch 14	13635690	C	C	C	C	C	C	C	Y	Y	Y	Y	Y	Y	

VSPHERE ESXi, FILE & PATCHES	BUILD	3.7.3	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	3.7.10 U1	4.0.0	4.0.1	4.0.1 U1
• Q8A57-11076_hpe-esxi6.5u2ep14-13635690-650.U2.10.4.0.29-offline-bundle.zip														
<b>(*) ESXi 6.5 Update 3 Express Patch 16</b>	14874964	C	C	C	C	C	C	C	C	Y	Y	Y	Y	Y
• Q8A57-11081_hpe-esxi6.5u3ep16-14874964-650.U3.10.4.5.41-offline-bundle.zip														
<b>(*) ESXi 6.5 Update 3 Express Patch 18</b>	15177306	C	C	C	C	C	C	C	C	Y	Y	Y	Y	Y
• Q8A57-11086_hpe-esxi6.5u3ep18-15177306-650.U3.10.5.0.67-offline-bundle.zip														
<b>(*) ESXi 6.5 Update 3 Patch 04<sup>(5)</sup></b>	15256549	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y
• Q8A57-11097_hpe-esxi6.5u3p04-15256549-650.U3.10.5.5.16-offline-bundle.zip														
<b>(*) ESXi 6.7 U1<sup>(3)</sup></b>	10302608	N	N	N	N	N	Y	Y	Y	C	C	C	C	C
• Q8A57-11060_hpe-esxi6.7u1-10302608-670.U1.10.3.5.12-offline-bundle.zip														
<b>(*) ESXi 6.7 U1 Express Patch 05<sup>(3)</sup></b>	10764712	N	N	N	N	N	Y	Y	Y	C	C	C	C	C
• Q8A57-11072_hpe-esxi6.7u1ep07-13004448-670.U1.10.4.0.19-offline-bundle.zip														
<b>(*) ESXi 6.7 U1 Express Patch 07<sup>(3)</sup></b>	13004448	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y
• Q8A57-11072_hpe-esxi6.7u1ep07-13004448-670.U1.10.4.0.19-offline-bundle.zip														
<b>(*) ESXi 6.7 U2 Express Patch 09<sup>(3)(4)</sup></b>	13644319	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y
• Q8A57-11077_hpe-esxi6.7u2ep09-13644319-670.U2.10.4.1.8-offline-bundle.zip														
<b>(*) ESXi 6.7 U3</b>	14320388	N	N	N	N	N	N	N	C	Y	Y	Y	Y	Y
• Q8A57-11082_hpe-esxi6.7u3-14320388-670.U3.10.4.5.19-offline-bundle.zip														
<b>(*) ESXi 6.7 U3 Patch 01<sup>(5)</sup></b>	15160138	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y
• Q8A57-11087_hpe-esxi6.7u3p01-15160138-670.U3.10.5.0.48-offline-bundle.zip														
<b>(*) ESXi 6.7 U3 Patch 01<sup>(5)(6)</sup></b>	15160138	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y
• Q8A57-11098_hpe-esxi6.7u3p01-15160138-670.U3.10.5.5.25-offline-bundle.zip														
<b>ESXi 6.7 U3 Patch 02<sup>(6)(7)</sup></b>	16075168	N	N	N	N	N	N	N	N	N	N	N	Y	Y
• Q8A57-11098_hpe-esxi6.7u3p01-15160138-670.U3.10.5.5.25-offline-bundle.zip														
• ESXi670-202004002.zip														
<b>ESXi 6.7 U3 Express Patch 15<sup>(6)(7)</sup></b>	16316930	N	N	N	N	N	N	N	N	N	N	N	Y	Y
• Q8A57-11098_hpe-esxi6.7u3p01-15160138-670.U3.10.5.5.25-offline-bundle.zip														
• ESXi670-202006001.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.

<sup>2</sup> HPE SimpliVity 380 Gen9 support only.

<sup>3</sup> 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](https://support.hpe.com/hpsc/doc/public/display?sp4ts.oid=1010292248&docLocale=en_US&docId=mmr_sf-EN_US000022851)









VMWARE VCENTER/VCSA FILES	BUILD	3.7.3	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	3.7.10 U1	4.0.0	4.0.1	4.0.1 U1	
<b>vCenter Server Appliance 6.5 U1g</b>	8024368	Y	Y	Y	C	C	C	C	C	C	C	C	C	C	
<ul style="list-style-type: none"> <li>VMware-vCenter-Server-Appliance-6.5.0.15000-8024368-patch-FP.iso</li> </ul>															
<b>vCenter Server Appliance 6.5 U2</b>	8307201	Y	Y	Y	Y	Y	C	C	C	C	C	C	C	C	
<ul style="list-style-type: none"> <li>VMware-vCenter-Server-Appliance-6.5.0.20000-8307201-patch-FP.iso</li> </ul>															
<b>vCenter Server Appliance 6.5 U2b</b>	8815520	N	Y <sup>1</sup>	Y <sup>1</sup>	Y <sup>1</sup>	Y <sup>1</sup>	C	C	C	C	C	C	C	C	
<ul style="list-style-type: none"> <li>VMware-vCenter-Server-Appliance-6.5.0.21000-8815520-patch-FP.iso</li> </ul>															
<b>vCenter Server Appliance 6.5 U2c</b>	9451637	C	C	Y	Y	Y	Y	C	C	C	C	C	C	C	
<ul style="list-style-type: none"> <li>VMware-vCenter-Server-Appliance-6.5.0.22000-9451637-patch-FP.iso</li> <li>If upgrading to ESXi 6.5u2c or later, upgrade vCenter Server Appliance first, then ESXi.</li> </ul>															
<b>vCenter Server Appliance 6.5 U2d</b>	10964411	C	C	C	Y	Y	Y	Y	C	C	C	C	C	C	
<ul style="list-style-type: none"> <li>VMware-vCenter-Server-Appliance-6.5.0.22000-9451637-patch-FP.iso</li> <li>If upgrading to ESXi 6.5u2c or later, upgrade vCenter Server Appliance first, then ESXi.</li> </ul>															
<b>vCenter Server Appliance 6.5 U2f</b>	12863991	C	C	C	C	Y	Y	Y	Y	Y	Y	Y	Y	Y	
<ul style="list-style-type: none"> <li>VMware-vCenter-Server-Appliance-6.5.0.23200-12863991-patch-FP.iso</li> </ul>															
<b>vCenter Server Appliance 6.5 U3</b>	14020092	C	C	C	C	C	C	Y	Y	Y	Y	Y	Y	Y	
<ul style="list-style-type: none"> <li>VMware-vCenter-Server-Appliance-6.5.0.30000-14020092-patch-FP.iso</li> </ul>															
<b>vCenter Server Appliance 6.5 U3c</b>	14690228	C	C	C	C	C	C	C	C	Y	Y	Y	Y	Y	
<ul style="list-style-type: none"> <li>VMware-vCenter-Server-Appliance-6.5.0.30300-14690228-patch-FP.iso</li> </ul>															
<b>vCenter Server Appliance 6.5 U3f</b>	15259038	C	C	C	C	C	C	C	C	Y	Y	Y	Y	Y	
<ul style="list-style-type: none"> <li>VMware-vCenter-Server-Appliance-6.5.0.32000-15259038-patch-FP.iso</li> </ul>															
<b>vCenter Server Appliance 6.5 U3i</b>	15808842	C	C	C	C	C	C	C	C	Y	Y	Y	Y	Y	
<ul style="list-style-type: none"> <li>VMware-vCenter-Server-Appliance-6.5.0.32300-15808842-patch-FP.iso</li> </ul>															
<b>vCenter Server Appliance 6.7 U1</b>	10244745	N	N	N	N	N	Y	Y	Y	C	C	C	C	C	

VMWARE VCENTER/VCSA FILES	BUILD	3.7.3	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	3.7.10 U1	4.0.0	4.0.1	4.0.1 U1	
<b>vCenter Server Appliance 6.7 U1b</b>	11726888	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	
• VMware-vCenter-Server-Appliance-6.7.0.21000-11726888-patch-FP.iso															
<b>vCenter Server Appliance 6.7 U2c</b>	14070457	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	
• VMware-vCenter-Server-Appliance-6.7.0.32000-14070457-patch-FP.iso															
<b>vCenter Server Appliance 6.7 U3</b>	14367737	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	
• Appliance-6.7.0.40000-14367737-patch-FP.iso															
<b>vCenter Server Appliance 6.7 U3b</b>	15132721	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	
• Appliance-6.7.0.42000-15132721-patch-FP.iso															
<b>vCenter Server Appliance 6.7 U3f</b>	15976714	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	
• VMware-vCenter-Server-Appliance-6.7.0.43000-15976714-patch-FP.iso															

- 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.
  - For the supported vCenter upgrade path, refer to [VMware Interoperability Matrix](#)
  - Y = Supported Version
  - C = Compatible Version but not explicitly verified
  - N = Unsupported Version

## VMware vSphere License Interoperability

VSPHERE LICENSE	3.7.3	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	3.7.10 U1	4.0.0	4.0.1	4.0.1 U1
<b>VMware vSphere Standard</b>	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
<b>VMware vSphere Enterprise Plus</b>	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
<b>VMware vSphere with Operations Management Enterprise Plus</b>	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
<b>VMware vSphere Essentials<sup>1</sup></b>	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
<b>VMware vSphere Essentials Plus<sup>1</sup></b>	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
<b>VMware vSphere Remote Office Branch Office</b>	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
<b>VMware vSphere Remote Office Branch Office Advanced</b>	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

- 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.

## Hypervisor Interoperability (Microsoft Hyper-V Server)

Note that the following SKUs can no longer be ordered as of 2020/03/01:

- Q8D81A#002 HPE SimpliVity 380 Gen10 Hyper-V Solution
- Q9K06A#002 HPE SimpliVity 380 Gen10 Hyper-V Soln/Promo

Existing Hyper-V installations continue to be supported.

## HPE OmniStack Hypervisor Interoperability with Microsoft System Center Virtual Machine Manager

SYSTEM CENTER	BUILD	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	3.7.10 U1	4.0.0	4.0.1	4.0.1 U1	SOURCE <sup>1</sup>
2016	Update Rollup 3	Y	Y	N	N	N	N	N	N	N	N	N	N	Microsoft
2016	Update Rollup 5	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	Microsoft
2016	Update Rollup 6	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Microsoft
2016	Update Rollup 7	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Microsoft
2016	Update Rollup 8	N	N	N	N	N	N	N	N	N	N <sup>(2)</sup>	N <sup>(2)</sup>	N <sup>(2)</sup>	Microsoft
2019	Initial release	N	N	N	N	N	N	N	N	N	N	Y	Y	Microsoft

1. Source = Location from which to obtain the Microsoft Package.

2. SCVMM 2016 Rollup 8 has been found to have some major incompatibilities with HPE SimpliVity product version 4.0.0 and later, and has been dropped from the interoperability list.

## Domain Functional Level Interoperability

DOMAIN FUNCTIONAL LEVEL	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	3.7.10 U1	4.0.0	4.0.1	4.0.1 U1
Windows Server 2016	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Windows Server 2012 R2	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y
Windows Server 2008 R2	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y

## Microsoft Windows Server

PATCHES	3.7.6	3.7.7	3.7.8	3.7.9	3.7.10 3.7.10A	3.7.10 U1	4.0.0	4.0.1	4.0.1 U1
KB4103720 (May 17, 2018)	N	Y	Y	Y	N	N	N	N	N
KB4462928 (October 18, 2018)	Y	Y	Y	Y	Y	Y	N	N	N
KB4480977 (January 17, 2019)	N	Y	Y	Y	Y	Y	Y	Y	Y
KB4499177 (May 23, 2019)	N	Y	Y	Y	Y	Y	Y	Y	Y
KB4512495 (August 17, 2019)	N	N	N	Y	Y	Y	Y	Y	Y
KB4519998 (October 8, 2019)	N	N	N	N	Y	Y	Y	Y	Y
KB4571694 (August 11, 2020)	N	N	N	N	Y	Y	Y	Y	Y

## Other External Product Interoperability

### 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

- 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 fo features supported with StoreOnce.  
[www.hpe.com/storage/StoreOnceSupportMatrix](http://www.hpe.com/storage/StoreOnceSupportMatrix)
- HPE StoreOnce is supported on HPE SimpliVity 380 Gen9 family systems beginning in 4.0.1.

## 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 3.7.10A	Y	Y	Y
3.7.10U1	Y	Y	Y
4.0.0	Y	Y	Y
4.0.1	Y	Y	Y
4.0.1U1	Y	Y	Y

- HPE SimpliVity 380 Gen9 only supports VMware vSphere hypervisor
- HPE SimpliVity 380 Gen9 EOS December 2018

## 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*

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

## HPE SimpliVity 2600 Gen10 Family Supported Deployment Paths

RELEASE	HPE SIMPLIVITY 2600 (170) Q9Y47A	HPE SIMPLIVITY 2600 (190) Q9Y48A
3.7.5 <sup>(3)</sup>	Y	Y
3.7.6 <sup>(1)(2)(3)</sup>	Y	Y
3.7.6U1 <sup>(3)</sup>	Y	Y
3.7.7 <sup>(3)</sup>	Y	Y
3.7.8	Y	Y
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
4.0.1U1	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 HPE SimpliVity 2600 systems starting in the 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
3.7.8	Y	N	N	N
3.7.9	Y	N	N	N
3.7.10 3.7.10A	Y	Y	N	N
3.7.10U1	Y	Y	N	N
4.0.0	Y	Y	Y	Y
4.0.1	Y	Y	Y	Y
4.0.1U1	Y	Y	Y	Y

## 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 3.7.10A	Y	N
3.7.10U1	Y	N
4.0.0	Y	Y
4.0.1	Y	Y
4.0.1U1	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 3.7.10A	Y	Y
3.7.10U1	Y	Y
4.0.0	Y	Y

RELEASE	HPE SIMPLIVITY 325 GEN10 X-SMALL R2Z06A	HPE SIMPLIVITY 325 GEN10 SMALL R2Z06A
4.0.1	Y	Y
4.0.1U1	Y	Y

## Supported Upgrade Paths

FROM\TO	3.7.3	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	3.7.10 U1	4.0.0	4.0.1	4.0.1 U1
3.6.2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3.7.0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3.7.1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3.7.2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3.7.3		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3.7.4			Y <sup>1</sup>	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3.7.5				Y <sup>2</sup>	Y	Y	Y	Y	Y	Y	Y	Y	Y
3.7.6					Y	Y	Y	Y	Y	Y	Y	Y	Y
3.7.6 U1						Y	Y	Y	Y	Y	Y	Y	Y
3.7.7							Y	Y	Y	Y	Y	Y	Y
3.7.8								Y <sup>3</sup>	Y	Y	Y	Y	Y
3.7.9									Y <sup>4,5</sup>	Y	Y	Y	Y
3.7.10										Y	Y	Y	Y
3.7.10A													
3.7.10U1											Y	Y	Y
4.0.0												Y	Y
4.0.1													Y

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.

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

Direct upgrade from OmniStack 3.6.2 to 3.7.10 or later is not supported. User has to upgrade to OmniStack 3.7.9 before upgrading to OmniStack 3.7.10 or later

## 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, they may be mixed in a cluster with other HPE SimpliVity offerings.
- 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 3.7.10A	Y	N	Y	N
3.7.10 U1	Y	Y	Y	N
4.0.0	Y	Y	Y	N
4.0.1	Y	Y	Y	Y
4.0.1 U1	Y	Y	Y	Y

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

Upgrade:

- All versions 3.7.10/3.7.10A and earlier require full federation commit.
- 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.

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 all the existing clusters in the federation are running at least 3.7.10U1, a new cluster can be deployed at 4.0.1 or later. Deployment to a higher version than exists in the current federation is only allowed if all of the existing clusters are running the same 3.7.10U1 or greater version.

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
3.7.3 <sup>1</sup>	3.7.3.94	3.7.3.65	N/A	13.33.3	3.7.3.181	3.7.3.216	8.72.7
	3.7.3.95				3.7.3.184	3.7.3.218	8.72.8
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
3.7.5 <sup>2</sup>	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

VERSION	HPE OMNISTACK SOFTWARE	ARBITER SOFTWARE	VMM ADD-IN	VSPHERE WEB CLIENT PLUGIN	UPGRADE MANAGER	DEPLOYMENT MANAGER	DEPLOY INSTALLER
	3.7.5.132		3.7.5.123	15.8.0	3.7.5.365	3.7.5.250	8.108.4
<b>3.7.6</b>	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
<b>3.7.6U1</b>	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
<b>3.7.7</b>	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
<b>3.7.8</b>	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
<b>3.7.9</b>	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
<b>3.7.10</b> <b>3.7.10A<sup>3</sup></b>	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
<b>3.7.10U1</b>	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
<b>4.0.0</b>	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
<b>4.0.1</b>	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
<b>4.0.1U1</b>	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

<sup>1</sup> For version 3.7.3, both 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 3.7.3 release into a federation of the other 3.7.3 release during an upgrade, you must wait until the upgrade is committed before deploying the new system.

<sup>2</sup> 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.

<sup>3</sup> 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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