



Hewlett Packard
Enterprise

HPE SimpliVity

OmniCube 3.7.10U1

Interoperability Guide

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Overview

This document is the OmniCube compatibility and interoperability reference guide. It covers releases beginning at OmniCube v3.6.2. To access the historical information for earlier versions of OmniCube not included in this latest document, see: [HPE-SimpliVity-OmniCube-interop-guide-historical](#).

OmniCube systems are not supported for HPE OmniStack software version 4.0.0 and later.

OmniCube Platform Firmware Interoperability

The following is a list of system firmware packages that are supported by OmniCube.

OmniCube firmware is model-specific. Please select the appropriate firmware package:

Platform Firmware for OmniCube CN-1200, CN-2000, CN-2200, CN-3000, CN-5000

Platform Firmware for OmniCube CN-1400, CN-2400, CN-2400-E, CN-2400-F, CN-3400, CN-3400-E, CN-3400-F, CN-5400, CN-5400-E CN-5400-F

Platform Firmware for OmniCube CN-1200, CN-2000, CN-2200, CN-3000, CN-5000

FIRMWARE	3.6.2	3.7.0	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
820-000001_Rev_c	Y	N	N	N	N	N	N	N	N	N	N	N
820-000001_Rev_e	Y	Y	Y	N	N	N	N	N	N	N	N	N
820-000001-dell-r720xfirmware-g	Y	Y	Y	Y	N	N	N	N	N	N	N	N
820-000001-dell-r720xfirmware-h	Y	Y	Y	Y	Y	C	C	C	C	C	C	C
820-000001-dell-r720xfirmware-i¹	Y	Y	Y	Y	Y	Y	Y	C	C	C	C	C
820-000001-dell-r720xfirmware-k	C	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
820-000001-dell-r720xfirmware-m	C	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
820-000001-dell-r720xfirmware-n	C	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
820-000001-dell-r720xfirmware-p	C	C	C	C	C	C	C	Y	Y	Y	Y	Y
820-000001-dell-r720xfirmware-q	C	C	C	C	C	C	C	C	Y	Y	Y	Y
820-000001-dell-r720xfirmware-r	C	C	C	C	C	C	C	C	C	Y	Y	Y

1. There are references to both [820-000001-dell-r720xfirmware-i](#) and [820-000001-dell-r720xfirmware-j](#) in various documents. These both refer to the same package, and can be used interchangeably.

To upgrade firmware for any platform other than HPE SimpliVity, see the Support site for the platform manufacturer to obtain the HPE SimpliVity supported firmware.

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

FIRMWARE PACKAGE:	820-000001_Rev_c	
RELEASE DATE:	2014/04/15	
NOTES	N/A	
FIRMWARE DETAILS:	BIOS	2.5.2
	Boot RAID H310	20.13.1-0002_A09
	Data RAID H710	21.3.1-0004_A06

FIRMWARE PACKAGE: 820-0000001_Rev_c

Network 1GB	7.8.53
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Network 10GB	7.8.53
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iDRAC	1.57.57
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UEFI	4233A1
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Life Cycle Controller	1.4.2.12
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FIRMWARE PACKAGE: 820-0000001_Rev_e

RELEASE DATE: 2015/08/04

NOTES

- Released on new builds only
- Upgrade to this version is not required/supported

FIRMWARE DETAILS:

BIOS	2.5.2
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Boot RAID H310	20.13.1-0002_A09
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Data RAID H710	21.3.1-0004_A06
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Network 1GB	7.12.17
-------------	---------

Network 10GB	7.12.17
--------------	---------

iDRAC	2.15.10.10
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UEFI	4243A1
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Life Cycle Controller	2.15.10.10
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FIRMWARE PACKAGE: 820-000001-dell-r720xdfirmware-g

RELEASE DATE: 2016/03/01

NOTES N/A

FIRMWARE DETAILS:

BIOS	2.5.2
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Boot RAID H310	20.13.1-0002
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Data RAID H710	21.3.2-0005
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Network 1GB	7.12.19
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Network 10GB	7.12.19
--------------	---------

iDRAC	2.21.21.21
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UEFI	4247A1
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Life Cycle Controller	2.21.21.21
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FIRMWARE PACKAGE:	820-000001-dell-r720xdfirmware-h	
RELEASE DATE:	2016/12/19	
NOTES	N/A	
FIRMWARE DETAILS:	BIOS	2.5.4
	Boot RAID H310	20.13.3-0001
	Data RAID H710	21.3.4-0001
	Network 1GB	7.12.19
	Network 10GB	7.12.19
	iDRAC	2.41.40.40
	UEFI	4247A1
	Life Cycle Controller	2.41.40.40

FIRMWARE PACKAGE:	820-000001-dell-r720xdfirmware-i ¹	
RELEASE DATE:	2017/05/31	
NOTES	N/A	
FIRMWARE DETAILS:	BIOS	2.5.4
	Boot RAID H310	20.13.3-0001
	Data RAID H710	21.3.4-0001
	Network 1GB	08.07.26
	Network 10GB	08.07.26
	iDRAC	2.41.40.40
	UEFI	4247A1
	Life Cycle Controller	2.41.40.40
	OS Collector	1.1

FIRMWARE PACKAGE:	820-000001-dell-r720xdfirmware-k	
RELEASE DATE:	2018/03/21	

¹ There are references to both 820-000001-dell-r720xdfirmware-l and 820-000001-dell-r720xdfirmware-j in various documents. These both refer to the same package, and can be used interchangeably.

FIRMWARE PACKAGE:	820-000001-dell-r720xdfirmware-k	
NOTES	N/A	
FIRMWARE DETAILS:	<u>BIOS</u>	2.6.1
	<u>Boot RAID H310</u>	20.13.3-0001
	<u>Data RAID H710</u>	21.3.5-0002
	<u>Network 1GB</u>	08.07.26
	<u>Network 10GB</u>	08.07.26
	<u>iDRAC/Lifecycle Controller</u>	2.50.50.50
	<u>UEFI</u>	4247A1
	<u>OS Collector</u>	2.1

FIRMWARE PACKAGE:	820-000001-dell-r720xdfirmware-m	
RELEASE DATE:	2018/07/11	
NOTES	N/A	
FIRMWARE DETAILS:	<u>BIOS</u>	2.7.0
	<u>Boot RAID H310</u>	20.13.3-0001
	<u>Data RAID H710</u>	21.3.5-0002
	<u>Network 1GB</u>	08.07.26
	<u>Network 10GB</u>	08.07.26
	<u>iDRAC/Lifecycle Controller</u>	2.60.60.60
	<u>UEFI</u>	4247A1
	<u>OS Collector</u>	2.1

FIRMWARE PACKAGE:	820-000001-dell-r720xdfirmware-n	
RELEASE DATE:	2018/07/11	
NOTES	N/A	
FIRMWARE DETAILS:	<u>BIOS</u>	2.7.0
	<u>Boot RAID H310</u>	20.13.3-0001
	<u>Data RAID H710</u>	21.3.5-0002
	<u>Network 1GB</u>	14.07.06
	<u>Network 10GB</u>	14.07.06

FIRMWARE PACKAGE:	820-000001-dell-r720xdfirmware-n	
	<u>iDRAC/Lifecycle Controller</u>	2.61.60.60
	<u>UEFI</u>	4247A1
	<u>OS Collector</u>	2.1

FIRMWARE PACKAGE:	820-000001-dell-r720xdfirmware-p	
RELEASE DATE:	2019/09/03	
NOTES	N/A	
FIRMWARE DETAILS:	<u>BIOS</u>	2.7.0
	<u>Boot RAID H310</u>	20.13.3-0001
	<u>Data RAID H710</u>	21.3.5-0002
	<u>Network 1GB</u>	14.10.07
	<u>Network 10GB</u>	14.10.07
	<u>iDRAC/Lifecycle Controller</u>	2.61.60.60
	<u>UEFI</u>	4247A1
	<u>OS Collector</u>	2.1

FIRMWARE PACKAGE:	820-000001-dell-r720xdfirmware-q	
RELEASE DATE:	2019/10/11	
NOTES	N/A	
FIRMWARE DETAILS:	<u>BIOS</u>	2.8.0
	<u>Boot RAID H310</u>	20.13.3-0001
	<u>Data RAID H710</u>	21.3.5-0002
	<u>Network 1GB</u>	14.10.07
	<u>Network 10GB</u>	14.10.07
	<u>iDRAC/Lifecycle Controller</u>	2.63.60.62
	<u>UEFI</u>	4247A1
	<u>OS Collector</u>	4.0

FIRMWARE PACKAGE:	820-000001-dell-r720xdfirmware-r	
RELEASE DATE:	2020/02/14	
NOTES	N/A	

FIRMWARE PACKAGE:	820-000001-dell-r720xdfirmware-r	
FIRMWARE DETAILS:	<u>BIOS</u>	2.9.0
	<u>Boot RAID H310</u>	20.13.3-0001
	<u>Data RAID H710</u>	21.3.5-0002
	<u>Network 1GB</u>	15.00.14
	<u>Network 10GB</u>	15.00.14
	<u>iDRAC/Lifecycle Controller</u>	2.63.60.62
	<u>UEFI</u>	4247A1
	<u>OS Collector</u>	5.0

Platform Firmware for OmniCube CN-1400, CN-2400, CN-2400-E, CN-2400-F, CN-3400, CN-3400-E, CN-3400-F, CN-5400, CN-5400-E, CN-5400-F

FIRMWARE	3.6.2	3.7.0	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
<u>820-000003-dell-r730xd-firmware-h</u>	Y	N	N	N	N	N	N	N	N	N	N	N
<u>820-000003-dell-r730xd-firmware-i</u>	Y	Y	N	N	N	N	N	N	N	N	N	N
<u>820-000003-dell-r730xd-firmware-j</u>	Y	Y	Y	Y	N	N	N	N	N	N	N	N
<u>820-000003-r730-k</u>	Y	Y	Y	Y	Y	C	C	C	C	C	C	C
<u>820-000003-r730-l</u>	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
<u>820-000003-r730-m</u>	C	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
<u>820-000003-r730-n</u>	C	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
<u>820-000003-r730-p</u>	C	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
<u>820-000003-r730-q</u>	C	C	C	C	C	C	C	Y	Y	Y	Y	Y
<u>820-000003-r730-r</u>	C	C	C	C	C	C	C	C	Y	Y	Y	Y
<u>820-000003-r730-s</u>	C	C	C	C	C	C	C	C	C	Y	Y	Y

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

FIRMWARE PACKAGE:	<u>820-000003-dell-r730xd-firmware-h</u>	
RELEASE DATE:	2016/04/11	
NOTES	Minimum FW version required for CN-2400-F, CN-3400-F, CN-5400-F	
FIRMWARE DETAILS:	<u>BIOS</u>	2.0.2
	<u>Boot RAID H330</u>	25.4.0.0015

FIRMWARE PACKAGE: [820-000003-dell-r730xd-firmware-h](#)

Data RAID H730	25.4.0.0015
Network 1GB	7.12.19
Network 10GB	7.12.19
iDRAC	2.30.30.30
Backplane	3.0.3
UEFI	4239A29
Life Cycle Controller	2.30.30.30

FIRMWARE PACKAGE: [820-000003-dell-r730xd-firmware-i](#)

RELEASE DATE: 2016/07/11

NOTES N/A

FIRMWARE DETAILS:

BIOS	2.1.7
Boot RAID H330	25.4.0.0017
Data RAID H730	25.4.0.0017
Network 1GB	7.12.19
Network 10GB	7.12.19
iDRAC	2.30.30.30
Backplane	3.31
UEFI	4239A33
Life Cycle Controller	2.30.30.30

FIRMWARE PACKAGE: [820-000003-dell-r730xd-firmware-j](#)

RELEASE DATE: 2017/01/12

NOTES N/A

FIRMWARE DETAILS:

BIOS	2.2.5
Boot RAID H330	25.5.0.0019
Data RAID H730	25.5.0.0018
Network 1GB	08.07.25
Network 10GB	08.07.25
iDRAC	2.41.40.40
Backplane	3.31

FIRMWARE PACKAGE:	<u>820-000003-dell-r730xd-firmware-j</u>	
	UEFI	4239A33
	Life Cycle Controller	2.41.40.40

FIRMWARE PACKAGE:	820-000003-r730-k	
RELEASE DATE:	2017/03/10	
NOTES	N/A	
FIRMWARE DETAILS:	BIOS	2.3.4
	Boot RAID H330	25.5.0.0019
	Data RAID H730	25.5.0.0018
	Network 1GB	08.07.25
	Network 10GB	08.07.25
	iDRAC	2.41.40.40
	Backplane	3.31
	UEFI	4239A33
	Life Cycle Controller	2.41.40.40

FIRMWARE PACKAGE:	820-000003-r730-l	
RELEASE DATE:	2017/07/06	
NOTES	N/A	
FIRMWARE DETAILS:	BIOS	2.4.3
	Boot RAID H330	25.5.2.0001
	Data RAID H730	25.5.2.0001
	Network 1GB	08.07.26
	Network 10GB	08.07.26
	iDRAC	2.41.40.40
	Backplane	3.32
	UEFI	4239A36
	Life Cycle Controller	2.41.40.40

FIRMWARE PACKAGE:	820-000003-r730-m	
RELEASE DATE:	2018/05/07	

FIRMWARE PACKAGE: 820-000003-r730-m

NOTES N/A

FIRMWARE DETAILS:

<u>BIOS</u>	2.7.1
<u>Boot RAID H330</u>	25.5.4.0006
<u>Data RAID H730</u>	25.5.4.0006
<u>Network 1GB</u>	08.07.26
<u>Network 10GB</u>	08.07.26
<u>iDRAC/Life Cycle Controller</u>	2.50.50.50
<u>Backplane</u>	3.35
<u>UEFI</u>	4239A36
<u>Intel x710</u>	18.0.17
<u>Intel i350</u>	18.3.6
<u>OS Collector</u>	2.1

FIRMWARE PACKAGE: 820-000003-r730-n

RELEASE DATE: 2018/07/11

NOTES N/A

FIRMWARE DETAILS:

<u>BIOS</u>	2.8.0
<u>Boot RAID H330</u>	25.5.5.0005
<u>Data RAID H730</u>	25.5.5.0005
<u>Network 1GB</u>	08.07.26
<u>Network 10GB</u>	08.07.26
<u>iDRAC/Life Cycle Controller</u>	2.60.60.60
<u>Backplane</u>	3.35
<u>UEFI</u>	4239A36
<u>Intel x710</u>	18.5.17
<u>Intel i350</u>	18.5.17
<u>OS Collector</u>	2.1

FIRMWARE PACKAGE: 820-000003-r730-p

RELEASE DATE: 2018/07/11

FIRMWARE PACKAGE: 820-000003-r730-p

NOTES N/A

FIRMWARE DETAILS:

<u>BIOS</u>	2.8.0
<u>Boot RAID H330</u>	25.5.5.0005
<u>Data RAID H730</u>	25.5.5.0005
<u>Network 1GB</u>	14.07.06
<u>Network 10GB</u>	14.07.06
<u>iDRAC/Life Cycle Controller</u>	2.61.60.60
<u>Backplane</u>	3.35
<u>UEFI</u>	4239A37
<u>Intel i350</u>	18.8.9
<u>OS Collector</u>	2.1

FIRMWARE PACKAGE: 820-000003-r730-q

RELEASE DATE: 2019/09/03

NOTES N/A

FIRMWARE DETAILS:

<u>BIOS</u>	2.9.1
<u>Boot RAID H330</u>	25.5.5.0005
<u>Data RAID H730</u>	25.5.5.0005
<u>Network 1GB</u>	14.10.07
<u>Network 10GB</u>	14.10.07
<u>iDRAC/Life Cycle Controller</u>	2.63.60.61
<u>Backplane</u>	3.35
<u>UEFI</u>	4239A37
<u>Intel i350</u>	18.8.9
<u>OS Collector</u>	2.1

FIRMWARE PACKAGE: 820-000003-r730-r

RELEASE DATE: 2019/10/11

NOTES N/A

FIRMWARE DETAILS:

<u>BIOS</u>	2.10.5
<u>Boot RAID H330</u>	25.5.6.0009

FIRMWARE PACKAGE:	820-000003-r730-r	
	<u>Data RAID H730</u>	25.5.6.0009
	<u>Network 1GB</u>	15.00.14
	<u>Network 10GB</u>	15.00.14
	<u>iDRAC/Life Cycle Controller</u>	2.63.60.61
	<u>Backplane</u>	3.35
	<u>UEFI</u>	4239A37
	<u>Intel i350</u>	19.0.12
	<u>OS Collector</u>	4.0

FIRMWARE PACKAGE:	820-000003-r730-s	
RELEASE DATE:	2020/02/14	
NOTES	N/A	
FIRMWARE DETAILS:	<u>BIOS</u>	2.11.0
	<u>Boot RAID H330</u>	25.5.6.0009
	<u>Data RAID H730</u>	25.5.6.0009
	<u>Network 1GB</u>	15.05.12
	<u>Network 10GB</u>	15.05.12
	<u>iDRAC/Life Cycle Controller</u>	2.70.70.70
	<u>Backplane</u>	3.35
	<u>UEFI</u>	4239A37
	<u>Intel i350</u>	19.0.12
	<u>OS Collector</u>	5.0

Hypervisor Interoperability (vSphere)

OmniCube Hypervisor Interoperability with vSphere ESXi

VSPHERE ESXI	BUILD	3.6.2	3.7.0	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
ESXi 6.0b	2809209	C	C	C	C	C	C	C	N	N	N	N	N

VSPHERE ESXI	BUILD	3.6.2	3.7.0	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
ESXi 6.0 Update 1 Express Patch 4	3247720	C	C	C	C	C	C	C	N	N	N	N	N
ESXi 6.0 Update 1 Express Patch 5	3568940	C	C	C	C	C	C	C	N	N	N	N	N
ESXi 6.0 Update 1b	3380124	C	C	C	C	C	C	C	N	N	N	N	N
ESXi 6.0 Update 2	3620759	C	C	C	C	C	C	C	N	N	N	N	N
ESXi 6.0 Express Patch 6	3825889	C	C	C	C	C	C	C	N	N	N	N	N
ESXi 6.0 Express Patch 4	4600944	Y	C	C	C	C	C	C	N	N	N	N	N
<ul style="list-style-type: none"> VMware-ESXi-6.0.0.update02-4192238.x86_64-Dell_Customized-offline-bundle- A04.zip ESXi-6.0.0-20161104001-standard vmware-esx-provider-Isiprovider.vib simplivity-esx-6.x-nas-plugin-3.0.8.5.vib 													
(*) ESXi 6.0 Express Patch 7a	5224934	Y	Y	C	C	C	C	C	N	N	N	N	N
<ul style="list-style-type: none"> VMware-VMvisor-Installer-6.0.0.update03-5050593.x86_64-Dell_Customized-A00-offlinebundle.zip ESXi-6.0.0-20170304001-standard vmware-esx-provider-Isiprovider.vib simplivity-esx-6.x-nas-plugin-3.0.8.5.vib 													
ESXi 6.0 Update 3a (ESXi 6.0 Patch 5)	5572656	Y	Y	C	C	C	C	C	N	N	N	N	N
ESXi 6.0 Patch 6	6921384	Y	Y	Y	Y	C	C	C	N	N	N	N	N
ESXi 6.0 Update 3e	7967664	Y	Y	Y	Y	Y	C	C	N	N	N	N	N
<ul style="list-style-type: none"> VMware-VMvisor-Installer-6.0.0.update03-6921384.x86_64-DellEMC_Customized_A07.zip ESXi-6.0.0-20180304001-standard simplivity-esx-6.x-nas-plugin-3.0.8.5.vib vmware-esx-provider-Isiprovider.vib 													
(*) ESXi 6.0 Update 3f	8934903	N	N	Y	Y	Y	Y	Y	N	N	N	N	N
<ul style="list-style-type: none"> VMware-VMvisor-Installer-6.0.0.update03-7967664.x86_64-DellEMC_Customized_A10.zip ESXi-6.0.0-20180604001-standard simplivity-esx-6.x-nas-plugin-3.0.8.5.vib vmware-esx-provider-Isiprovider.vib 													
ESXi 6.0 Express Patch 15	9313334	N	N	N	Y	Y	Y	Y	N	N	N	N	N
<ul style="list-style-type: none"> ESXi600-201808001.zip simplivity-esx-6.x-nas-plugin-3.0.8.5.vib vmware-esx-provider-Isiprovider.vib Upgrade vCenter/VCSA to 6.0u3h or 6.5u2c or later first before upgrading ESXi to this release. 													
ESXi 6.0 Express Patch 19	10719132	N	N	N	Y	Y	Y	Y	N	N	N	N	N

VSPHERE ESXI	BUILD	3.6.2	3.7.0	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
• ESXi-6.5.0-20190304001-standard													
(*) ESXi 6.5 U2 Express Patch 14	13635690	N	N	N	N	N	N	N	Y	Y	Y	Y	Y
• VMware-VMvisor-Installer-6.5.0.update02-13004031.x86_64-DellEMC_Customized-A11.zip													
• ESXi-6.5.0-20190504001-standard													
ESXi 6.5 U3 Express Patch 16	14874964	N	N	N	N	N	N	N	C	Y	Y	Y	Y
• VMware-VMvisor-Installer-6.5.0.update03-13932383.x86_64-DellEMC_Customized-A01.zip													
• ESXi650-201910001.zip													
ESXi 6.5 U3 Express Patch 18	15177306	N	N	N	N	N	N	N	C	Y	Y	Y	Y
• VMware-VMvisor-Installer-6.5.0.update03-14320405.x86_64-DellEMC_Customized-A03.zip													
• ESXi650-201912001.zip													
ESXi 6.5 U3 Patch 04	15256549	N	N	N	N	N	N	N	C	C	C	Y	Y
• VMware-VMvisor-Installer-6.5.0.update03-15256549.x86_64-DellEMC_Customized-A05.zip													
ESXi 6.5 U3 Patch 05	16576891	N	N	N	N	N	N	N	C	C	C	Y	Y
• VMware-VMvisor-Installer-6.5.0.update03-15256549.x86_64-DellEMC_Customized-A05.zip													
• ESXi650-202007001.zip													

- To upgrade vSphere ESXi software, see the VMware support site to obtain the image.
- All federated compute nodes must run vSphere ESXi version of the same major release as the HPE OmniStack Platform, for example, vSphere 6.5.
- For supported ESXi upgrade path, please 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.
- To manually upgrade ESXi for a HPE SimpliVity OmniStack on Dell Platform, see the HPE OmniStack for vSphere Upgrade Guide.
- Dell PowerEdge R720XD Platforms (OmniCube CN-1200, CN-2000, CN-2200, CN-3000, CN-5000) do not support VMware vSphere 6.7. For vSphere 6.7 support information for all other Dell systems, reference the HPE SimpliVity OmniStack 3.7.10 for Dell Interoperability Guide.
- **Y** = Supported Version
- **C** = Compatible Version but not explicitly verified
- **N** = Unsupported Version

VMware vCenter Interoperability

- 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 unlisted vCenter patch version should upgrade to a supported/listed version in this guide at the earliest opportunity.

VMWARE VCENTER	BUILD	3.6.2	3.7.0	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
vCenter Server 6.0b	2776511	Y	C	C	C	C	C	C	N	N	N	N	N
vCenter Server 6.0 Update 1	3018524	C	C	C	C	C	C	C	N	N	N	N	N
vCenter Server 6.0 Update 1b	3339083	N ¹	N ¹	N ¹	N ¹	N ¹	N ¹	N ¹	N ¹	N ¹	N ¹	N ¹	N ¹
vCenter Server 6.0 Update 2	3634793	N ¹	N ¹	N ¹	N ¹	N ¹	N ¹	N ¹	N ¹	N ¹	N ¹	N ¹	N ¹
vCenter Server 6.0 Update 2a	4541947	Y	C	C	C	C	C	C	N	N	N	N	N
vCenter Server 6.0 Update 3a	5183551	Y	Y	C	C	C	C	C	N	N	N	N	N
vCenter Server 6.0 Update 3b	5318200	Y ²	Y	Y	C	C	C	C	N	N	N	N	N
vCenter Server 6.0 Update 3c	7037394	Y ²	Y	Y	Y	C	C	C	N	N	N	N	N
vCenter Server 6.0 Update 3e	7924803	N	Y	Y	Y	Y	Y	C	N	N	N	N	N
vCenter Server 6.0 Update 3f	8874690	N	N	N	N	Y	Y	Y	N	N	N	N	N
vCenter Server 6.0 Update 3h	9451619	N	N	N	N	Y	Y	Y	N	N	N	N	N
• If upgrading to ESXi 6.0 Express Patch 15 or later, upgrade vCenter first, then ESXi.													
vCenter Server 6.0 Update 3i	13638623	N	N	N	N	Y	Y	Y	N	N	N	N	N
vCenter Server 6.5	4602587	Y	C	C	C	C	C	C	C	C	C	C	C
vCenter Server 6.5 0b Patch 1	5178943	Y	Y	C	C	C	C	C	C	C	C	C	C
vCenter Server 6.5 Update 1	5973321	Y	Y	C	C	C	C	C	C	C	C	C	C
vCenter Server 6.5 Update 1b	6816762	Y ³	Y ³	C	C	C	C	C	C	C	C	C	C
vCenter Server 6.5 Update 1d	7312210	Y ³	Y ³	Y ³	C	C	C	C	C	C	C	C	C
vCenter Server 6.5 Update 1g	8024368	N	Y ³	Y	Y	C	C	C	C	C	C	C	C
vCenter Server 6.5 Update 2	8307201	N	N	Y	Y	Y	C	C	C	C	C	C	C
vCenter Server 6.5 Update 2b	8815520	N	N	Y	Y	Y	Y	Y	C	C	C	C	C

VMWARE VCENTER	BUILD	3.6.2	3.7.0	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
vCenter Server Appliance 6.5 U1f	7801515	N	Y ³	Y ³	Y ³	C	C	C	C	C	C	C	C
vCenter Server Appliance 6.5 U1g	8024368	N	Y ³	Y	Y	Y	C	C	C	C	C	C	C
vCenter Server Appliance 6.5 Update 2	8307201	N	Y ³	Y	Y	Y	Y	C	C	C	C	C	C
vCenter Server Appliance 6.5 Update 2b	8815520	N	Y	Y	Y	Y	Y	Y	C	C	C	C	C
vCenter Server Appliance 6.5 Update 2c	9451637	N	N	Y	Y	Y	Y	Y	Y	C	C	C	C
If upgrading to ESXi 6.5u2c or later, upgrade vCenter Server Appliance first, then ESXi.													
vCenter Server Appliance 6.5 Update 2d	10964411	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
If upgrading to ESXi 6.5u2c or later, upgrade vCenter Server Appliance first, then ESXi.													
vCenter Server Appliance 6.5 Update 2f	12863991	N	N	C	C	C	Y	Y	Y	Y	Y	Y	Y
vCenter Server Appliance 6.5 Update 3	14020092	N	N	C	C	C	C	C	Y	Y	Y	Y	Y
vCenter Server Appliance 6.5 Update 3c	14690228	N	N	C	C	C	C	C	C	Y	Y	Y	Y
vCenter Server Appliance 6.5 Update 3f	15259038	N	N	C	C	C	C	C	C	Y	Y	Y	Y
vCenter Server Appliance 6.5 Update 3i	15808842	N	N	C	C	C	C	C	C	Y	Y	Y	Y

¹ VMware vCenter patch 3271482 (present in vCenter 6.0 Update 1b and 2) introduced a issue that impacts vCenter Web Client plugins. This can cause the SimpliVity Web Client extension to exhibit SSO errors while retrieving objects from vCenter. A VMware fix is provided as part of vCenter 6.0 Update 2a. Consider using this version instead.

² Requires vSphere Web Client Plugin version 13.1.90 or higher.

³ Basic GUI functionality may work with the 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 HPE OmniStack version being run.
- Dell PowerEdge R720XD Platforms (OmniCube CN-1200, CN-2000, CN-2200, CN-3000, CN-5000) do not support VMware vSphere 6.7. For vSphere 6.7 support information for all other Dell systems, reference the HPE SimpliVity OmniStack 3.7.10 for Dell Interoperability Guide.
- For supported vCenter upgrade paths, please refer to [VMware Interoperability Matrix](#).
- **Y** = Supported Version
- **C** = Compatible Version but not explicitly verified

FROM/TO	3.7.0	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
3.6.1	Y	N	N	N	N	N	N	N	N	N	N	N
3.6.2	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N
3.7.0		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
3.7.3			Y	Y	Y	Y	Y	Y	Y	Y	Y	N
3.7.4				Y	Y	Y	Y	Y	Y	Y	Y	N
3.7.5					Y	Y	Y	Y	Y	Y	Y	N
3.7.6						Y	Y	Y	Y	Y	Y	N
3.7.6U1							Y	Y	Y	Y	Y	N
3.7.7								Y	Y	Y	Y	N
3.7.8									Y	Y	Y	N
3.7.9										Y	Y	N
3.7.10											Y	N
3.7.10A												
3.7.10U1												N

HPE OmniStack release 4.0.0 and later is not supported on OmniCube systems.

All supported releases listed support HPE OmniStack Upgrade Manager.

- **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, 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.

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. Note that clusters containing OmniCube systems cannot run 4.0.0 or later; information for later versions is given here for clusters containing HPE systems only.

OmniCube models do not support OmniStack software versions 4.0.0 or later. Those versions are listed in this table as reference for federations containing both HPE models, which support 4.0.0 and later, and OmniCube systems.

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				
3.7.10 U1	Y	Y	Y	N
4.0.0	Y	Y	Y	N
4.0.1	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.
- For version 3.7.10U1 and later, cluster commit allows some clusters to stay at the current release while others are upgraded to a later release.
- Clusters containing OmniCube systems cannot be upgraded to 4.0.0 or later.

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.
- Clusters containing OmniCube systems cannot be deployed to 4.0.0 or later.

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	VSPHERE WEB CLIENT PLUGIN	UPGRADE MANAGER	DEPLOYMENT MANAGER	DEPLOY INSTALLER
3.7.2 ¹	3.6.2.239	3.6.2.21	4.0.23.6	3.6.2.138	3.6.2.494	8.17.15
	3.6.2.245		10.23.8	3.6.2.145	3.6.2.503	8.18.3
3.7.0	3.7.0.260	3.7.0.37	13.1.90	3.7.0.226	3.7.0.513	8.34.8
3.7.7 ²	3.7.3.94	3.7.3.65	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	13.41.0	3.7.4.97	3.7.4.113	8.83.3
3.7.5 ³	3.7.5.126	3.7.5.68	15.7.3	3.7.5.301	3.7.5.247	8.107.2
	3.7.5.132		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	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	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	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	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	16.58.0	3.7.9.361	3.7.9.775	9.56.1
3.7.10	3.7.10.200	3.7.10.91	17.25.0	3.7.10.249	3.7.10.357	10.35.0
3.7.10A ⁴			17.25.2			
3.7.10 U1	3.7.10.232	3.7.10.122	17.27.0	3.7.10.289	3.7.10.383	10.40.2

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 3.6.2 versions may be found in the field, but are not compatible within the same federation. You must upgrade to the 3.6.2.245 version before upgrading to any later versions of HPE OmniStack software.

³ Both 3.7.3 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.

⁴ Both 17.25.0 and 17.25.2 vSphere web client plugin releases may be found in the field for OmniCube 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.

Hewlett Packard Enterprise Support

For live assistance, go to the Contact Hewlett Packard Enterprise Worldwide website: <http://www.hpe.com/assistance>

To access documentation and support services, go to the Hewlett Packard Enterprise Support Center website: <http://www.hpe.com/support/hpesc>

Software updates

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

To download product updates:

- Hewlett Packard Enterprise Support Center (<http://www.hpe.com/support/hpesc>)
- Software downloads (<http://www.hpe.com/support/downloads>)
- Software Depot (<http://www.hpe.com/support/softwaredepot>)



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