

SPP HPE Custom Image vibsdepot mapping for Pre-Gen9

This document does not apply to HPE Superdome servers. For information on HPE Superdome, see the following links:

- [HPE Integrity Superdome X](#)
- [HPE Superdome Flex](#)

Information on HPE Synergy supported VMware ESXi OS releases, HPE ESXi Custom Images and HPE Synergy Custom SPPs is available at:

- [VMware OS Support Tool for HPE Synergy](#)

Information on HPE Synergy Software Releases is available at:

- [HPE Synergy Software Releases - Overview](#)

HPE Custom Image to SPP Mapping

Use the following links to view the table that maps the HPE Custom Images for the OS release to the vibsdepot directory and the matching SPP release for Pre-Gen9 servers. The vibsdepot directory contains all the drivers and software added to the referenced HPE Custom Image, or the drivers and software for a hot-fix for the referenced HPE Custom Image as described in the footnotes. The SPP contains the drivers included in the referenced HPE Custom Image and the matching FW components. Starting with the 2018.03.0 SPP, the HPE value-add software included in the referenced HPE Custom Image is also included in the SPP.

Use the SPP link in the table to view detailed information on where to obtain the appropriate firmware, drivers and software for the supported OS releases and server generations for the SPP release. SPP documentation and downloads for all the SPP releases can be found at <http://www.hpe.com/servers/spp/download>. The SPP Component Release Notes contain a detailed list of all the firmware and driver components included in the SPP.

The tables map the HPE Custom Image to the SPP that matches the content of that HPE Custom Image. For information on how to update to a newer SPPs, see section [Updating to Newer SPPs](#) below.

[VMware vSphere 7.0 and updates](#)

[VMware vSphere 6.7 and updates](#)

[VMware vSphere 6.5 U3](#)

[VMware vSphere 6.5 U2](#)

[VMware vSphere 6.5 U1](#)

[VMware vSphere 6.5](#)

SPP and HPE Software and Driver Mapping

Use the following links to view detailed information on where to obtain the appropriate firmware, drivers and software for the supported OS releases and server generations for the SPP release. Starting with the 2018.03.0 SPP, the HPE value-add software included in the referenced HPE Custom Image is also included in the SPP.

The tables map the HPE Custom Image to the SPP that matches the content of that HPE Custom Image. For information on how to update to a newer SPPs, see section [Updating to Newer SPPs](#) below.

[2017.07.2 and newer](#)

[Gen8.1 Post Production SPP](#)

[G7.1 Post Production SPP](#)

[2017.04.0](#)

[2016.10.0](#)

Updating to newer SPPs

The table in the Important Notes section in the VMware Software Recipe documents available on <http://vibsdepot.hpe.com> list all previously released HPE Custom Images that can be updated using the referenced SPP and vibsdepot directories. For example, the entry below from the June 2017 VMware Software Recipe for the Service Pack for ProLiant (SPP) Version 2017.04.0 indicates that the HPE Custom Image for VMware vSphere 6.0 Update 2 (09 December 2016) can use the feb2017 vibsdepot directory to update the drivers and software to match the FW in the 2017.04.0 SPP.

OS Version	HPE Custom Image	HPE Custom Image Identifier	Driver Updates	Software Updates
vSphere 6.0 Update 2	HPE Custom Image for VMware vSphere 6.0 Update 2 (09 December 2016)	hpe-build-600.9.6.5.7-2494585	<p>Driver Updates are required</p> <p>Image does not contain driver versions specified in this Recipe</p> <p>Required drivers are available from: VUM online updates at: http://vibsdepot.hpe.com/hpe/preGen9/feb2017/index-driv.xml</p> <p>Offline bundles updated at: http://vibsdepot.hpe.com/hpe/preGen9/feb2017/esxi-600-devicedrivers</p> <p>(SPP) 2017.04.0 at: www.hpe.com/servers/spp/download</p> <p>Note: Both required driver and software updates are available from VUM online updates at: http://vibsdepot.hpe.com/hpe/preGen9/feb2017</p>	<p>Software updates are required</p> <p>Image does not contain software versions specified in this Recipe</p> <p>Required software is available from: VUM online updates at: http://vibsdepot.hpe.com/hpe/preGen9/feb2017/index.xml</p> <p>Offline bundle updates at: http://vibsdepot.hpe.com/hpe/preGen9/feb2017/esxi-600-bundles</p> <p>Note: Both required driver and software updates are available from VUM online updates at: http://vibsdepot.hpe.com/hpe/preGen9/feb2017</p>

VMware vSphere 7.0 and updates

VMware vSphere 6.7 and updates

No Pre-Gen9 Support

VMware vSphere 6.5 U3

The HPE Custom Image for VMware vSphere 6.5 U3 (20 Dec 2019) that supports pre-Gen9 servers is available on vmware.com at: <https://my.vmware.com/web/vmware/details?downloadGroup=OEM-ESXI65U3-HPE&productId=614>

HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
HPE Custom Image for VMware vSphere 6.5 U3 (20 Dec 2019) ⁷	oem-build-650.U3.9.6.10	http://vibsdepot.hpe.com/hpe/preGen9/may2018	Gen8.1 Post Production SPP ⁴ + 6.5 U1 Supplement plus Hot Fix for the nhpsa driver ⁵	HPE Custom Image for VMware vSphere 6.5 U3 (20 Dec 2019) ⁷
HPE Custom Image for VMware vSphere 6.5 U3 (27 June 2019) ⁶	oem-build-650.U3.9.6.8	http://vibsdepot.hpe.com/hpe/preGen9/may2018	Gen8.1 Post Production SPP ⁴ + 6.5 U1 Supplement plus Hot Fix for the nhpsa driver ⁵	

⁴ SPP does not contain any VMware vSphere online FW or SW components for VMware vSphere 6.5 U3. FW update for servers running VMware vSphere 6.5 U3 must be done via offline FW update. Software update for servers running VMware vSphere 6.5 U3 must be done using the HPE Custom Image or vibsdepot. Driver updates for servers running VMware vSphere 6.5 U3 can be done using the HPE Custom Image, vibsdepot or the VMware vSphere 6.5 U1 Supplement for the Gen8.1 Post Production SPP plus the Hot Fix for the nhpsa driver.

⁵ This custom image includes an updated nhpsa driver. For details, refer to Customer Advisory https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00043167en_us&docLocale=en_US

⁶ Same HPE added content as September 2018 6.5 U2 image, but includes VMware vSphere 6.5 U3 base image.

⁷ Same HPE added content as September 2018 6.5 U2 image, but includes VMware vSphere 6.5 Patch ESXi650-201911001. For more information, see VMware Release Note at <https://docs.vmware.com/en/VMware-vSphere/6.5/rn/esxi650-201911001.html>

VMware vSphere 6.5 U2

The HPE Custom Image for VMware vSphere 6.5 U2 (28 September 2018) that supports pre-Gen9 servers is available on vmware.com at:

<https://my.vmware.com/web/vmware/details?downloadGroup=OEM-ESXI65U2-HPE&productId=614>

HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
HPE Custom Image for VMware vSphere 6.5 U2 (28 September 2018) ⁶	oem-build-650.U2.9.6.8	http://vibsdepot.hpe.com/hpe/preGen9/may2018	Gen8.1 Post Production SPP ⁴ + 6.5 U1 Supplement plus Hot Fix for the nhpsa driver ⁵	Includes VMware patches ⁶
HPE Custom Image for VMware vSphere 6.5 U2 (28 may 2018)	oem-build-650.U2.9.6.7	http://vibsdepot.hpe.com/hpe/preGen9/may2018	Gen8.1 Post Production SPP ⁴ + 6.5 U1 Supplement plus Hot Fix for the nhpsa driver ⁵	Includes updated nhpsa driver ⁵

⁴ SPP does not contain any VMware vSphere online FW or SW components for VMware vSphere 6.5 U2. FW update for servers running VMware vSphere 6.5 U2 must be done via offline FW update. Software update for servers running VMware vSphere 6.5 U2 must be done using the HPE Custom Image or vibsdepot. Driver updates for servers running VMware vSphere 6.5 U2 can be done using the HPE Custom Image, vibsdepot or the VMware vSphere 6.5 U1 Supplement for the Gen8.1 Post Production SPP plus the Hot Fix for the nhpsa driver.

⁵ This custom image includes an updated nhpsa driver. For details, refer to Customer Advisory https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00043167en_us&docLocale=en_US

⁶ Same HPE added content as May 2018 image, but includes VMware vSphere Patch 6.5 U2b described in VMware KB at: <https://kb.vmware.com/s/article/55912> and the patch to fix the issue described in the VMware security advisory at: <https://www.vmware.com/security/advisories/VMSA-2018-0020.html>

VMware vSphere 6.5 U1

The HPE Custom Image for VMware vSphere 6.5 U1 (30 Nov 2017) that supports pre-Gen9 servers is available on vmware.com at: <https://my.vmware.com/web/vmware/details?downloadGroup=OEM-ESXI65U1-HPE&productId=614>

HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
HPE Custom Image for VMware vSphere 6.5 U1 (30 November 2017)	hpe-build-650.U1.9.6.5.1	http://vibsdepot.hpe.com/hpe/preGen9/nov2017	Gen8.1 Post Production SPP ⁴ + 6.5 U1 Supplement	

⁴ SPP does not contain any VMware vSphere online FW or SW components for VMware vSphere 6.5 U1. FW update for servers running VMware vSphere 6.5 U1 must be done via offline FW update. Software update for servers running VMware vSphere 6.5 U1 must be done using the HPE Custom Image or vibsdepot. Driver updates for servers running VMware vSphere 6.5 U1 can be done using the HPE Custom Image, vibsdepot or the VMware vSphere 6.5 U1 Supplement for the Gen8.1 Post Production SPP.

VMware vSphere 6.5

The HPE Custom Image for VMware vSphere 6.5 (08 May 2017) that supports pre-Gen9 servers is available on vmware.com at: <https://my.vmware.com/web/vmware/details?downloadGroup=OEM-ESXI65B-HPE&productId=614>

HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
HPE Custom Image for VMware vSphere 6.5 (08 May 2017)	hpe-build-650.9.6.5.27	http://vibsdepot.hpe.com/hpe/preGen9/may2017	Gen8.1 Post Production SPP ⁴ 2017.04.0 ⁴	6.5 Respin including VMware P01 Last Pre-Gen9 support
NA	NA	http://vibsdepot.hpe.com/hpe/preGen9/jan2017 ³	NA	6.5 OS Release hpilo driver HotFix
HPE Custom Image for VMware vSphere 6.5 (18 November 2016)	hpe-build-650.9.6.0.28	http://vibsdepot.hpe.com/hpe/preGen9/nov2016	2016.10.0 ⁴	6.5 GA OS Release

³ vibsdepot directory only contains 6.5 HPE value add software components with the hpilo driver HotFix. Should be used with previous 6.5 release.

⁴ SPP does not contain any VMware vSphere online FW or SW components for VMware vSphere 6.5. FW update for servers running VMware vSphere 6.5 must be done via offline FW update. Software and driver update for servers running VMware vSphere 6.5 must be done using the HPE Custom Image or vibsdepot.

2017.07.2 SPP and newer

No pre-Gen9 support

Gen8.1 Post Production

Replaced Gen8.1 Post Production to provide an updated bootloader to address the UEFI Secure Boot Evasion Vulnerability aka BootHole. For more information see: <https://www.hpe.com/us/en/services/security-vulnerability.html>

Pre-Gen9 servers are only supported in the Post Production SPP.

VMware vSphere 6.5 U1 Supplement for the Gen8.1 Post Production SPP supports driver update for 6.5 U1, 6.5 U2 and 6.5 U3.

G7 servers are not supported with 6.5 or updates or with the Gen8.1 Post Production SPP.

Gen8.1 Post Production SPP does not contain any VMware vSphere online FW or SW components for VMware vSphere 6.5 and updates, but the supplement for VMware vSphere 6.5 U1 does contain online driver components.

- FW update for servers running VMware vSphere 6.5 and updates must be done via offline FW update.
- Software and driver updates for servers running VMware vSphere 6.5 must be done using the HPE Custom Image or vibsdepot.
- Software updates for servers running VMware vSphere 6.5 U1, 6.5 U2 and 6.5 U3 must be done using the HPE Custom Image or vibsdepot.
- Driver updates for servers running VMware vSphere 6.5 U1, 6.5 U2 and 6.5 U3 can be done using the HPE Custom Image, vibsdepot or the VMware vSphere 6.5 U1 Supplement for the Gen8.1 Post Production SPP.

SPP documentation and downloads for the Gen8.1 Post Production SPP release can be found at

<http://www.hpe.com/servers/spp/download?version=Gen8.1>

vSphere version	Firmware	Drivers	Software
6.5 U3	Gen8.1 Post Production SPP Offline FW update	<ul style="list-style-type: none"> • HPE Custom Image for VMware vSphere 6.5 U3 (27 June 2018) • vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/may2018 • VMware vSphere 6.5 U1 Supplement for the Gen8.1 Post Production SPP Online Update plus Hot Fix for nhpsa driver 	<ul style="list-style-type: none"> • HPE Custom Image for VMware vSphere 6.5 U3 (27 June 2019) • vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/may2018
6.5 U2	Gen8.1 Post Production SPP Offline FW update	<ul style="list-style-type: none"> • HPE Custom Image for VMware vSphere 6.5 U2 (28 Sep. 2018) • vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/may2018 • VMware vSphere 6.5 U1 Supplement for the Gen8.1 Post Production SPP Online Update plus Hot Fix for nhpsa driver 	<ul style="list-style-type: none"> • HPE Custom Image for VMware vSphere 6.5 U2 (28 Sep. 2018) • vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/may2018
6.5 U2	Gen8.1 Post Production SPP Offline FW update	<ul style="list-style-type: none"> • HPE Custom Image for VMware vSphere 6.5 U2 (28 May 2018) • vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/may2018 • VMware vSphere 6.5 U1 Supplement for the Gen8.1 Post Production SPP Online Update plus Hot Fix for nhpsa driver 	<ul style="list-style-type: none"> • HPE Custom Image for VMware vSphere 6.5 U2 (28 May 2018) • vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/may2018



6.5 U1	Gen8.1 Post Production SPP Offline FW update	<ul style="list-style-type: none">• HPE Custom Image for VMware vSphere 6.5 U1 (30 Nov. 2017)• vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/nov2017• VMware vSphere 6.5 U1 Supplement for the Gen8.1 Post Production SPP Online Update	<ul style="list-style-type: none">• HPE Custom Image for VMware vSphere 6.5 U1 (30 Nov. 2017)• vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/nov2017
6.5	Gen8.1 Post Production SPP Offline FW update	<ul style="list-style-type: none">• HPE Custom Image for VMware vSphere 6.5 (08 May 2017)• vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/may2017	<ul style="list-style-type: none">• HPE Custom Image for VMware vSphere 6.5 (08 May 2017)• vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/may2017



2017.04.0 SPP

2017.04.0 SPP does not contain any VMware vSphere online FW or SW components for VMware vSphere 6.5 or 6.5 U1. FW update for servers running VMware vSphere 6.5 and 6.5 U1 must be done via offline FW update. Software and driver update for servers running VMware vSphere 6.5 and 6.5 U1 must be done using the HPE Custom Image or vibsdepot.

Last full SPP to support Pre-Gen9 servers.

SPP documentation and downloads for the 2017.04.0 SPP release can be found at <http://www.hpe.com/servers/spp/download?version=2017.04.0>

vSphere version	Firmware	Drivers	Software
6.5 U1	2017.04.0 SPP Offline FW update	<ul style="list-style-type: none"> • HPE Custom Image for VMware vSphere 6.5 U1 (30 Nov 2017) • vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/may2017 	<ul style="list-style-type: none"> • HPE Custom Image for VMware vSphere 6.5 U1 (30 Nov 2017) • vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/may2017
6.5	2017.04.0 SPP Offline FW update	<ul style="list-style-type: none"> • HPE Custom Image for VMware vSphere 6.5 (08 May 2017) • vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/may2017 	<ul style="list-style-type: none"> • HPE Custom Image for VMware vSphere 6.5 (08 May 2017) • vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/may2017

2016.10.0 SPP

2016.10.0 SPP does not contain any VMware vSphere online FW or SW components for VMware vSphere 6.5. FW update for servers running VMware vSphere 6.5 must be done via offline FW update. Software and driver update for servers running VMware vSphere 6.5 must be done using the HPE Custom Image or vibsdepot.

First SPP to support VMware vSphere 6.5. SPP documentation and downloads for the 2016.10.0 SPP release can be found at

https://support.hpe.com/hpsc/swd/public/detail?swItemId=MTX_3c2bfc8c3b446a7a9451c4ab9

vSphere version	Firmware	Drivers	Software
6.5	2016.10.0 SPP Offline FW update	<ul style="list-style-type: none"> HPE Custom Image for VMware vSphere 6.5 (18 November 2016) + http://vibsdepot.hpe.com/hpe/preGen9/jan2017 vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/nov2016 + http://vibsdepot.hpe.com/hpe/preGen9/jan2017 	<ul style="list-style-type: none"> HPE Custom Image for VMware vSphere 6.5 (18 November 2016) + http://vibsdepot.hpe.com/hpe/preGen9/jan2017 vibsdepot at http://vibsdepot.hpe.com/hpe/preGen9/nov2016 + http://vibsdepot.hpe.com/hpe/preGen9/jan2017

Revision History

Date	Version	Change Description
05.21.2021	1.52	Change titles of sections for unsupported OS and SPP to be XXX and later instead of listing individual SPP, VUP and OS releases
05.18.2021	1.51	Added 2021.04.0 SPP
05.04.2021	1.50	Removed links for OS releases and SPPs no longer included in this document Added VUP 1.4.1 and 1.4.2
03.02.2021	1.40	Added VMware vSphere 7.0 U2 OS release Added VUP 1.3
01.19.2021	1.32	Add VUP 1.2A
10.07.2020	1.31	Renamed all MSB to SPP.
10.05.2020	1.30	Added VMware vSphere 7.0 U1 OS release Added 2020.09.0 SPP Added VUP 1.2 Remove ESXi 5.5 and 6.0 OS release tables and references.
08.24.2020	1.20.3	VUP 1.1 and VUP 1.0 superseded by VUP 1.1A SPP 2020.03.0 superseded by 2020.03.2 SPP 2019.12.0 superseded by 2020.12.2 SPP 2019.09.0 superseded by 2019.09.1
06.23.2020	1.20.2	Added VMware Upgrade Pack 1.1
04.20.2020	1.20.1	Added VMware Upgrade Pack 1.0

04.02.2020	1.20	Added VMware vSphere 7.0
03.09.2020	1.19	Added 2020.03.0 MSB
12.20.2019	1.18	Added 2019.12.0 SPP
09.19.2019	1.17.1	Fixed link to 6.5 U3 vibsdepot in Gen8.1 Post production SPP table
09.09.2019	1.17	Added 2019.09.0 MSB
09.19.2019	1.16.1	Fixed link to 6.5 U3 vibsdepot in Gen8.1 Post production SPP table
07.25.2019	1.16	Added VMware vSphere 6.7 U3
09.19.2019	1.15.1	Fixed link to 6.5 U3 vibsdepot in Gen8.1 Post production SPP table
06.27.2019	1.15	Added VMware vSphere 6.5 U3
06.05.2019	1.14.1	Removed reference to Synergy links
04.26.2019	1.14	Added 2019.03.1 SPP
04.11.2019	1.13	Added VMware vSphere 6.7 U2

04.01.2019	1.12	Added 2019.03.0 SPP
01.24.2019	1.11.3	Added note 2018.03.0 SPP and newer now includes HPE value-add software.
12.03.2018	1.11.2	Added reference to Synergy and Superdome links.
11.28.2018	1.11.1	Clarified how to update previously released HPE Custom Images to newer SPPs
11.27.2018	1.11	Added 2018.11.0 MSB.
10.04.2018	1.10	Added VMware vSphere 6.7 U1
09.28.2018	1.9	Added 2018.09.0 MSB and September 2018 Pre-Gen9 HPE Custom Images for 6.0 U3 and 6.5 U2.
07.23.2018	1.8.1	Fixed Gen8.1 SPP references for 6.5 U2 to include 6.5 U1 supplement and nhpsa hot fix. Clarifications and change HPE SPP to SPP.
06.26.2018	1.8	Added new 6.0 U3 HPE Custom Image and included in Gen8.1 and G7.1 Post Production SPP tables.
06.12.2018	1.7	Added 2018.06.0 SPP
05.28.2018	1.6	Update version and date for 6.5 U2 release
05.03.2018	1.5	Added VMware vSphere 6.5 U2 release Update vibsdepot URLs to new preGen9 URLs

04.17.2018	1.4	Added VMware vSphere 6.7 Added links to SPP downloads and documentation Remove Gen8.0 Post Production SPP, replace by Gen8.1
02.05.2018	1.3	Added 2017.10.1 and 2018.03.0 SPP as no support for pre-Gen9 servers.
11.30.2017	1.2	Added VMware vSphere 6.5 U1 Supplement for Gen8.1 Post Production SPP Fix 5.5 U3 table to list 2017.04.0 SPP as supported with December HPE Custom Image Correct G7 Post Production SPP table and add the G7 Post Production SPP to the 5.5 U3 table
10.26.2017	1.1	Added all Post Production SPP releases
10.06.2017	1.0	Initial version

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