

December 2023 VMware Software Recipe

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About this document

This document is for the person who installs, administers, and troubleshoots servers, Virtual Connect and storage systems. HPE assumes you are qualified in the servicing of computer equipment and trained in recognizing hazards in products with hazardous energy levels.

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 SPPs is available at:

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

For more information on HPE Synergy Software Releases, see the following link:

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

Document Update Policy

A new version of this recipe will be published when a new HPE Service Pack for ProLiant (SPP) is published, when a new HPE Maintenance Supplement Bundle (MSB) is published, when VMware publishes a new OS Release (e.g. 7.0) or when VMware publishes a new update release (e.g. 7.0 U1).

A Customer Notice will be released to notify customers of a newly published Recipe document. To sign up to receive Customer Notice notifications please see the instructions below:

- Go to <http://www.hpe.com/info/myadvisory>
- In the “Choose a product category” search for “VMware vSphere Software”
- In the search results, select “VMware vSphere Software”
- Select “Add select products”

Important Support Notes

This document provides information for using VMware vSphere 8.0 Update 2, VMware vSphere 8.0 Update 1 and VMware vSphere 7.0 Update 3 in conjunction with the Gen11 Service Pack for ProLiant (SPP) Version 2023.10.00.00 and the Gen10/Gen10 Plus Patch Bundle Version 2023.09.00.01.

For information on how to deploy and update VMware vSphere using the SPP, vibsdepot and the HPE Custom Image, see [Deploying and Updating vSphere on HPE Servers](#).

Review the SPP and Patch Bundle Component Notes on <http://vibsdepot.hpe.com/VMwareSPPComponentReleaseNotes> to find which firmware and driver components are included in the SPP and in the Patch Bundle.

Review the vibsdepot directories to find the drivers and software included in the HPE Custom Images.

For the alignment of SPP versions to vibsdepot release directories for pre-Gen9 see: http://vibsdepot.hpe.com/mapping/SPP-HPE_Custom-Image-vibsdepot-mapping-pre-Gen9.pdf

For the alignment of SPP versions to vibsdepot release directories for Gen9 and newer see: http://vibsdepot.hpe.com/mapping/SPP-HPE_Custom-Image-vibsdepot-mapping-Gen9-later.pdf

Review the [SPP Support Statement](#) document <http://vibsdepot.hpe.com/VMwareSPPComponentReleaseNotes> to understand the support policy for the SPP and Patch Bundle releases. The drivers in the SPP and Patch Bundle are also included in the HPE Custom image, available from VMware.com or available on HPE's vibsdepot (7.0 and 8.0) for this release. The system management software is included in the HPE Custom Image, available from hpe.com or available on HPE's vibsdepot (7.0 and 8.0) for this release.

VMware vSphere 8.0 Update 2, VMware vSphere 8.0 Update 1 and VMware vSphere 7.0 Update 3 are the VMware Releases that have been tested against the Gen11 Service Pack for ProLiant (SPP) Version 2023.10.00.00.

VMware vSphere 8.0 Update 2, VMware vSphere 8.0 Update 1 and VMware vSphere 7.0 Update 3 are the VMware Releases that have been tested against the Gen10/Gen10 Plus Patch Bundle Version 2023.09.00.01.

Notes: The Gen11 Service Pack for ProLiant (SPP) Version 2023.10.00.00 includes driver, SW and online FW components for Gen11 servers running VMware vSphere 8.0 Update 2, VMware vSphere 8.0 Update 1 and VMware vSphere 7.0 Update 3. The Gen10/Gen10 Plus Patch Bundle Version 2023.09.00.01 includes driver, SW and online FW components for Gen10 and Gen10 Plus servers running VMware vSphere 8.0 Update 2, VMware vSphere 8.0 Update 1 and VMware vSphere 7.0 Update 3.

For Driver and Software versions: Please view the [HPE customized image contents](#) page.

For FW versions: Please view the <http://vibsdepot.hpe.com/VMwareSPPComponentReleaseNotes>.

For the list of HPE Custom ISO's that are supported with the Gen11 Service Pack for ProLiant (SPP) Version 2023.10.00.00 and the Gen10/Gen10 Plus SPP Version 2023.09.00.01, please see the table below.

For latest vSAN driver and firmware support, see: [VMware Compatibility Guide vSAN](#). vSAN support information added starting with Gen11 SPP 2023.10.00.00 and Gen10 Patch Bundle version 2023.09.00.01 releases. For previously released vSAN support, refer to VCG.

OS Version	HPE Custom Image	HPE Custom Image Identifier	Driver Updates	Software Updates	vSAN Support
vSphere 8.0 Update 2	HPE Custom Image for VMware vSphere 8.0 Update 2 (Nov 2023)	HPE-Custom-AddOn_802.0.0.11.5.0	No driver updates required.	No software updates required.	smartpqi: Yes lsi-mr3: Yes
vSphere 8.0 Update 1a	HPE Custom Image for VMware vSphere 8.0 Update 1 (14 Sep 2023)	HPE-Custom-AddOn_801.0.0.11.4.0	Driver Updates are required Required drivers are available from: Gen10/10+ SPP 2023.09.00.01 Gen11 SPP 2023.10.00.00 Offline bundle updates at: http://vibsdepot.hpe.com/hpe/nov2023/esxi-800-devicedrivers	Software Updates are required Required software is available from: Gen10/10+ SPP 2023.09.00.01 Gen11 SPP 2023.10.00.00 Offline bundle updates at: http://vibsdepot.hpe.com/hpe/nov2023/esxi-800-bundles	Refer to VCG.
vSphere 7.0 Update 3o	HPE Custom Image for VMware vSphere 7.0 Update 3 (Nov 2023)	HPE-Custom-AddOn_703.0.0.11.5.0	No driver updates required.	No software updates required	smartpqi: Yes lsi-mr3: Yes

Notes:

OneView HSM at: [HPE OneView for VMware vCenter Documentation](#)

- OV4VC 10.1 and older is no longer available. Update to OneView HSM OV4VC 10.2 or newer. Refer to CA: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00130066en_us
- SPP 2022.09.01 or newer requires OV4VC 11.1 or newer

HPE GreenLake for Compute Ops Management plug-in for VMware vCenter at: [HPE GreenLake for Compute Ops Management Documentation](#)

Software and drivers in the <http://vibsdepot.hpe.com/hpe/nov2023> match the Gen11 Service Pack for ProLiant (SPP) Version 2023.10.00.00 at <https://www.hpe.com/global/swpublishing/MTX-c65abe57fc29457b95d1330f9f> and the Gen10/Gen10 Plus Patch Bundle Version 2023.09.00.01 at <https://www.hpe.com/global/swpublishing/MTX-ff2984ce0fd04fc08453aed62d> with some exceptions as described in http://vibsdepot.hpe.com/mapping/SPP-HPE_Custom-Image-vibsdepot-mapping-Gen9-later.pdf.

For a complete reference on which HPE Server models support which version of VMware OS, you can access the [HPE Server Support Matrix](#). This recipe should be used in conjunction with the HPE Server Support Matrix to build a supported HW and SW configuration.

A new version of this document will be published when a new HPE Service Pack for ProLiant (SPP) is published, when a new HPE Maintenance Supplement Bundle (MSB) is published, when VMware publishes a new OS Release (e.g. 7.0) or when VMware publishes a new update release (e.g. 7.0 U1).

HPE System Management Software

Product	ESXi Versions	Current Version Supported	Current Offline Bundle
HPE Smart Storage Administrator CLI for vSphere 8.0	vSphere 8.0U1, vSphere 8.0U2	6.25.9.0	ssacli2-component_6.25.9.0-8.0.0_21991205.zip
HPE Integrated Smart Update Tools for vSphere 8.0	vSphere 8.0U1, vSphere 8.0U2	800.4.5.0	sutComponent_800.4.5.0.22-0-signed_component-22307014.zip
HPE Restful Interface Tool for vSphere 8.0	vSphere 8.0U1, vSphere 8.0U2	800.4.5.0.0	ilorest-component_800.4.5.0.0.4-20613240_22298247.zip
HPE Fiber Channel and Storage Enablement Component for vSphere 8.0	vSphere 8.0U1, vSphere 8.0U2	800.3.9.0	fc-enablement-component_800.3.9.0.30-1_20300413.zip
HPE Agentless Management Bundle for Gen10 and Gen10 Plus	vSphere 7.0, vSphere 8.0U1, vSphere 8.0U2	701.11.9.5	amsdComponent_701.11.9.5.16-1_21934955.zip
HPE Agentless Management Bundle for Gen11	vSphere 7.0, vSphere 8.0U1, vSphere 8.0U2	701.11.5.0	amsdvComponent_701.11.5.0.2-1_22267107.zip
HPE iLO Native Driver for Vmware vSphere 7.0	vSphere 7.0, vSphere 8.0U1, vSphere 8.0U2	700.10.8.1	ilo-driver_700.10.8.1.6-1OEM.700.1.0.15843807_22315884.zip
HPE Smart Storage Administrator CLI for vSphere 7.0	vSphere 7.0	6.25.9.0	ssacli2-component_6.25.9.0-7.0.0_21991146.zip
HPE Integrated Smart Update Tools for vSphere 7.0	vSphere 7.0	701.4.5.0	sutComponent_701.4.5.0.9-0-signed_component-22275818.zip
HPE Fiber Channel and Storage Enablement Component for vSphere 7.0	vSphere 7.0	700.3.9.0	fc-enablement-component_700.3.9.0.4-1_20266032.zip
HPE Virtual NIC Enablement Component for vSphere 7.0 U1	vSphere 7.0U1	700.2.10	vnic-enablement-component_700.2.10.10-1_18875702.zip
HPE Restful Interface Tool for vSphere 7.0	vSphere 7.0	700.4.5.0.0	ilorest-component_700.4.5.0.0.3-15843807_22298261.zip

Revision History

Date	Version	Change Description
12.04.2023	23.1	Added vSAN support information starting with Gen11 SPP 2023.10.00.00 and Gen10 Patch Bundle version 2023.09.00.01 releases. For previously released vSAN support, refer to VCG.
11.07.2023	23.0	Added support for Gen10/Gen10 Plus Patch Bundle Version 2023.09.00.01 and Gen11 SPP Version 2023.10.00.00
09.21.2023	22.0	Added support for the vSphere 8.0 Update 2 HPE Custom Image release
09.14.2023	21.0	Added support for Gen11 Patch Bundle Version 2023.04.00.05 and Gen10 SPP Version 2023.09.00.00
08.08.2023	20.2	Updated support for vSphere 8.0 and vSphere 8.0 Update 1 HPE Custom Image release
06.20.2023	20.1	Updated support for the vSphere 8.0 Update 1 HPE Custom Image release
04.18.2023	20.0	Added support for the vSphere 8.0 Update 1 HPE Custom Image release
04.11.2023	19.0	Added support for Gen11 SPP Version 2023.04.00.00 and Gen10 SPP Version 2023.03.00.00 and removed vSphere 7.0 Update 2
02.21.2023	18.1	Updated Info for OneView for VMware vCenter (OV4VC).
02.21.2023	18.0	Added support for Gen11 SPP Version 2023.02.00.00 and Gen10 Patch Bundle 2 Supplement
01.26.2022	17.1	Fixed SPP and Patch Bundle URLs.
12.20.2022	17.0	Added support for Gen11 SPP Version 2022.12.00.00 and Gen10 Patch Bundle 1 Supplement
11.30.2022	16.4	Update OneView support
11.29.2022	16.3	Fixed missing 70U2 OS version in the list of tested OS'es.
11.16.2022	16.2	Removed vSphere 6.5 and vSphere 6.7
10.20.2022	16.1	Added support for vSphere 7.0U3f HPE Custom Image Release for October 2022
10.11.2022	16.0	Added support for vSphere 8.0 and SPP Version 2022.09.01.00

07.21.2022	15.2	Added support for vSphere 7.0U3f HPE Custom Image Release
04.05.2022	15.0	Added support for Gen10 SPP Version 2022.03.0, Gen9 SPP Version Gen9.0 and April 2022 HPE Custom Images for vSphere 7.0u3 and vSphere 6.7U3.
01.25.2022	14.2	Added support for vSphere 7.0U3c HPE Custom Image Release
11.26.2021	14.1	Added support for vSphere 6.7 Update 3 HPE Custom Image with P06 release.
10.26.2021	14.0	Added support for Gen10 and Gen9 SPPs Version 2021.10.0 and October-26-2021 HPE Custom Images for vSphere 7.0u3, vSphere 6.7U3 and vSphere 6.5U3.
10.05.2021	13.0	Added support for vSphere 7.0 Update 3 HPE Custom Image OS Release and VMware Upgrade Pack (VUP) 1.4.3.
06.30.2021	12.5	Update to VUP 1.4.1.1
06.18.2021	12.4	Add SPP 2021.05.0
06.16.2021	12.3	Update to VUP 1.4.2.1
05.14.2021	12.2	Update vibsdepot directories for 70U1 and 70U2 device drivers.
05.11.2021	12.1	Fix supported SPP version listed above the OS/SPP/vibsdepot table.
05.04.2021	12.0	Added support for the VMware Upgrade Pack (VUP)1.4.1 and 1.4.2, and Service Pack for ProLiant (SPP) 2021.04.0. Added support for the May 2021 HPE Custom Images for vSphere 7.0 Update 2, vSphere 7.0 Update 1, vSphere 6.7 Update 3 and vSphere 6.5 Update 3.
03.09.2021	11.0	Added support for vSphere 7.0 Update 2 HPE Custom Image OS Release and VMware Upgrade Pack (VUP) 1.3.
01.19.2021	10.5	Added support for the VMware Upgrade Pack (VUP)1.2A and the January 2021 HPE Custom Images for vSphere 7.0 Update 1, vSphere 6.7 Update 3 and vSphere 6.5 Update 3.
1.8.2021	10.4.1	Fix Driver and Software Update columns for vSphere 7.0 Custom Image.
10.06.2020	10.4	Added support for vSphere 7.0 Update 1, vSphere 6.7 Update 3 and vSphere 6.5 Update 3 HPE Custom Images October 2020 release, and VMware Upgrade Pack (VUP) 1.2 and Service Pack for ProLiant (SPP) 2020.09.0
08.24.20	10.3.1	Update versions to VUP1.1A, 2020.03.2, 2019.09.1 and add Note for Security fixes made with these new versions.
06.16.2020	10.3	Added support for the vSphere 7.0 Post GA HPE Custom Image June 2020 release and the VMware Upgrade Pack (VUP) 1.1
05.29.2020	10.2	Update HPE Synergy URLs

04.20.2020	10.1	Added support for the VMware Upgrade Pack (VUP) 1.0
04.02.2020	10.0	Added support for the vSphere 7.0 HPE Custom Image April 2020 release.
03.09.2020	9.0	Added support for the vSphere 6.5 Update 3 and vSphere 6.7 Update 3 HPE Custom Images March 2020 release and Service Pack for ProLiant (SPP) 2020.03.0
12.20.2019	8.0	Added support for the vSphere 6.5 Update 3 and vSphere 6.7 Update 3 HPE Custom Images December 2019 release and Service Pack for ProLiant (SPP) 2019.12.0
09.09.2019	7.2	Added support for the vSphere 6.0 Update 3 HPE Custom Image September 2019 release and Service Pack for ProLiant (SPP) 2019.09.0
08.29.2019	7.1	Added support for the vSphere 6.5 Update 3 HPE Custom Image August 2019 release
08.20.2019	7.0	Added support for the vSphere 6.7 Update 3 HPE Custom Image release
06.27.2019	6.0	Added support for the vSphere 6.5 Update 3 HPE Custom Image release
06.05.2019	5.5	Remove Synergy from note that indicates this document does not apply to.
05.07.2019	5.4	Added support for Service Pack for ProLiant (SPP) 2019.03.1
04.11.2019	5.3	Added Support for the vSphere 6.7 Update 2 HPE Custom Image release
04.04.2019	5.2	Fixed SPP documentation URLs
04.02.2019	5.0	Added support for the Service Pack for ProLiant (SPP) 2019.03.0 release
02.05.2019	4.5.1	Fixed incorrect 670 offline bundles download URL.
12.10.2018	4.5	Added reference to Synergy and Superdome links.
11.27.2018	4.4	Added support for Service Pack for ProLiant (SPP) 2018.11.0 with new Management Software Offline Bundles that includes AMS hot-fixes.
10.16.2018	4.3	Added support for the vSphere 6.7 Update 1 HPE Custom Image release
09.27.2018	4.2	Added support for the Service Pack for ProLiant (SPP) 2018.09.0 release

07.23.2018	4.1	Fixed vibsdepot download URLs for 6.5 U1
06.26.2018	4.0	Added support for the Service Pack for ProLiant (SPP) 2018.06.0 release
05.07.2018	3.2	Added Support for the vSphere 6.5 Update 2 HPE Custom Image release
04.17.2018	3.1	Added support for the April 17, 2018 vSphere 6.7 HPE Custom Image release and vSphere 6.7 HPE System Management Software
03.05.2018	3.0	Added support for the Service Pack for ProLiant (SPP) 2018.03.0 release
11.20.2017	2.1	Updated the HPE Custom Image-SPP mapping document links in the 'Important Support Notes' section
11.03.2017	2.0	Adding support for the October 26, 2016 HPE Custom Image releases and for the Service Pack for ProLiant (SPP) 2017.10.1 release
10.06.2017	1.0	This is the initial version of this document for the HPE Service Pack for ProLiant (SPP) 2017.07.2 release and for the October HPE Custom Images

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