

December 2019 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](#)

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

- [HPE Synergy Software Releases](#)

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. 6.7) or when VMware publishes a new update release (e.g. 6.7 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

Service Pack for ProLiant (SPP) Version 2019.12.2 replaces Service Pack for ProLiant (SPP) Version 2019.12.0 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>.

This document provides information for using VMware vSphere 6.x OS releases in conjunction with the Service Pack for ProLiant (SPP) Versions 2019.12.2.

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

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 to understand the support policy for SPP releases. The drivers in the SPP are also included in the HPE Custom image, available from VMware.com or available on HPE's vibsdepot ([6.0](#), [6.5](#) and [6.7](#)) for this release. The system management software is included in the HPE Custom Image, available from hpe.com or available on HPE's vibsdepot ([6.0](#), [6.5](#) and [6.7](#)) for this release.

VMware vSphere 6.7 Update 3, VMware vSphere 6.7 Update 2, VMware vSphere 6.5 Update 3, and VMware vSphere 6.5 Update 2 are the VMware Releases that have been tested against Service Pack for ProLiant (SPP) version 2019.12.2.

Note: The Service Pack for ProLiant (SPP) Versions 2019.12.2 includes driver, SW and online FW components for Gen10 servers running VMware vSphere 6.5 and 6.7.

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 (SPP) 2019.12.2 please see table below.

OS Version	HPE Custom Image	HPE Custom Image Identifier	Driver Updates	Software Updates
vSphere 6.7 Update 3	HPE Custom Image for VMware vSphere 6.7 Update 3 (20 Dec 2019)	oem-build-670.U3.10.5.0	No driver updates required.	No software updates required.
vSphere 6.7 Update 2	HPE Custom Image for VMware vSphere 6.7 Update 2 (11 April 2019)	oem-build-670.U2.10.4.1	<p>Driver Updates are required</p> <p>Required drivers are available from:</p> <p>VUM online updates at: http://vibsdepot.hpe.com/hpe/dec2019/index-driv.xml</p> <p>Offline bundles updated at: http://vibsdepot.hpe.com/hpe/dec2019/esxi-670-devicedrivers</p> <p>(SPP) 2019.12.2 at: www.hpe.com/servers/spp/download</p>	<p>Software updates are required</p> <p>Required software is available from:</p> <p>VUM online updates at: http://vibsdepot.hpe.com/hpe/dec2019/index.xml</p> <p>Offline bundle updates at: http://vibsdepot.hpe.com/hpe/dec2019/esxi-670-bundles</p>

vSphere 6.5 Update 3	HPE Custom Image for VMware vSphere 6.5 Update 3 (20 Dec 2019)	oem-build-650.U3.10.5.0	No driver updates required.	No software updates required.
vSphere 6.5 Update 2	HPE Custom Image for VMware vSphere 6.5 Update 2 (01 April 2019)	oem-build-650.U2.10.4.0	<p>Driver Updates are required</p> <p>Required drivers are available from: http://vibsdepot.hpe.com/hpe/dec2019/index-driv.xml</p> <p>VUM online updates at:</p> <p>Offline bundles updated at: http://vibsdepot.hpe.com/hpe/dec2019/esxi-650-devicedrivers</p> <p>(SPP) 2019.12.2 at: www.hpe.com/servers/spp/download</p>	<p>Software updates are required</p> <p>Required software is available from:</p> <p>VUM online updates at: http://vibsdepot.hpe.com/hpe/dec2019/index.xml</p> <p>Offline bundle updates at: http://vibsdepot.hpe.com/hpe/dec2019/esxi-650-bundles</p>
vSphere 6.0 Update 3	HPE Custom Image for VMware vSphere 6.0 Update 3 (09 September 2019)	oem-build-600.10.4.5	No driver updates required.	No software updates required.
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>Required drivers are available from:</p> <p>VUM online updates at: http://vibsdepot.hpe.com/hpe/sep2019/index-driv.xml</p> <p>Offline bundles updated at: http://vibsdepot.hpe.com/hpe/sep2019/esxi-600-devicedrivers</p> <p>(SPP) 2019.09.1 at: www.hpe.com/servers/spp/download</p>	<p>Software updates are required</p> <p>Required software is available from:</p> <p>VUM online updates at: http://vibsdepot.hpe.com/hpe/sep2019/index.xml</p> <p>Offline bundle updates at: http://vibsdepot.hpe.com/hpe/sep2019/esxi-600-bundles</p>

Note: Software and drivers in the <http://vibsdepot.hpe.com/hpe/dec2019> release directory matches the 2019.12.2 SPP at: www.hpe.com/servers/spp/download

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

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HPE System Management Software

Product	ESXi Versions	Current Version Supported	Current Offline Bundle
HPE ESXi Offline Bundle for VMware vSphere 6.7	vSphere 6.7	3.5.0	esxi6.7uX-mgmt-bundle-3.5.0-12.zip
HPE Agentless Management Service Offline Bundle for VMware vSphere 6.7	vSphere 6.7	11.5.0	ams-esxi6.7-bundle-11.5.0-5.zip
HPE ESXi Utilities Offline Bundle for VMware vSphere 6.7	vSphere 6.7	3.5.0	esxi6.7-util-bundle-3.5.0-23.zip
HPE Integrated Smart Update Tool for VMware vSphere 6.7	vSphere 6.7	2.5.0.0	sut-esxi6.7-offline-bundle-2.5.0.0-75.zip
HPE ESXi Offline Bundle for VMware vSphere 6.5	vSphere 6.5	3.5.0	esxi6.5uX-mgmt-bundle-3.5.0-12.zip
HPE Agentless Management Service Offline Bundle for VMware vSphere 6.5	vSphere 6.5	11.5.0	ams-esxi6.5-bundle-11.5.0-5.zip
HPE ESXi Utilities Offline Bundle for VMware vSphere 6.5	vSphere 6.5	3.5.0	esxi6.5-util-bundle-3.5.0-31.zip
HPE Integrated Smart Update Tool for VMware vSphere 6.5	vSphere 6.5	2.5.0.0	sut-esxi6.5-offline-bundle-2.5.0.0-73.zip
HPE ESXi Offline Bundle for VMware vSphere 6.0	vSphere 6.0	3.4.5	esxi6.0uX-mgmt-bundle-3.4.5-8.zip
HPE Agentless Management Service Offline Bundle for VMware vSphere 6.0	vSphere 6.0	11.4.5	ams-esxi6.0-bundle-11.4.5-4.zip
HPE ESXi Utilities Offline Bundle for VMware vSphere 6.0	vSphere 6.0	3.4.5	esxi6.0-util-bundle-3.4.5-9.zip

Revision History

Date	Version	Change Description
08.24.20	8.0.1	Update versions to 2019.12.2 and 2019.09.1, and add Note for Security fixes made with these new versions.
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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