

April 2022 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. 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

This document provides information for using VMware vSphere 7.0 Update 3 and VMware vSphere 6.x OS releases in conjunction with the Service Pack for ProLiant (SPP) Version 2022.03.0 and Gen9.0.

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

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

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 the VUP releases. The drivers in the VUP and SPP are also included in the HPE Custom image, available from VMware.com or available on HPE's vibsdepot ([6.5](#), [6.7](#), [7.0](#)) for this release. The system management software is included in the HPE Custom Image, available from hpe.com or available on HPE's vibsdepot ([6.5](#), [6.7](#) and [7.0](#)) for this release.

VMware vSphere 7.0 Update 3, 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 2022.03.0 and Gen9.0.

Note: The Gen10 Service Pack for ProLiant (SPP) Version 2022.03.0 includes driver, SW and online FW components for Gen10 and Gen10 Plus servers running VMware vSphere 7.0U3, 7.0U2, 6.5U3 and 6.7U3. The Gen9 Service Pack for ProLiant (SPP) Version Gen9.0 includes driver, SW and online FW components for Gen 9 servers running VMware vSphere 7.0U3, 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 2022.03.0 and Gen9.0 please see table below.

| OS Version | HPE Custom Image | HPE Custom Image Identifier | Driver Updates | Software Updates |
|----------------------|--|---------------------------------|--|---|
| vSphere 7.0 Update 3 | HPE Custom Image for VMware vSphere 7.0 Update 3 (05 April 2022) | HPE-Custom-AddOn_703.0.0.10.9.0 | No driver updates required. | No software updates required. |
| vSphere 7.0 Update 2 | HPE Custom Image for VMware vSphere 7.0 Update 2 (04 May 2021) | oem-build-702.0.0.10.7.0 | <p>Driver Updates are required</p> <p>Required drivers are available from:</p> <p>Gen10 SPP 2022.03.0 and Gen9 SPP Gen9.0 at: www.hpe.com/servers/spp/download</p> <p>Offline bundles updates at: http://vibsdepot.hpe.com/hpe/apr2022/esxi-700-devicedrivers</p> | <p>Software updates are required</p> <p>Required software is available from:</p> <p>Gen10 SPP 2022.03.0 and Gen9 SPP Gen9.0 at: www.hpe.com/servers/spp/download</p> <p>Offline bundle updates at: http://vibsdepot.hpe.com/hpe/apr2022/esxi-700-bundles</p> |
| vSphere 6.7 Update 3 | HPE Custom Image for VMware vSphere 6.7 Update 3 (05 April 2022) | oem-build-670.U3.10.9.0 | No driver updates required. | No software updates required. |

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|----------------------|--|-------------------------|---|--|
| 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/apr2022/index-driv.xml</p> <p>Offline bundles updates at: http://vibsdepot.hpe.com/hpe/apr2022/esxi-670-devicedrivers</p> <p>Gen10 SPP 2022.03.0 and Gen9 SPP Gen9.0 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/apr2022/index.xml</p> <p>Offline bundle updates at: http://vibsdepot.hpe.com/hpe/apr2022/esxi-670-bundles</p> <p>Gen10 SPP 2022.03.0 and Gen9 SPP Gen9.0 at: www.hpe.com/servers/spp/download</p> |
| vSphere 6.5 Update 3 | HPE Custom Image for VMware vSphere 6.5 Update 3 (26 October 2021) | oem-build-650.U3.10.8.0 | 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:</p> <p>VUM online updates at: http://vibsdepot.hpe.com/hpe/oct.26.2021/index-driv.xml</p> <p>Offline bundles updates at: http://vibsdepot.hpe.com/hpe/oct.26.2021/esxi-650-devicedrivers</p> <p>Gen10 SPP 2022.03.0 and Gen9 SPP Gen9.0 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/oct.26.2021/index.xml</p> <p>Offline bundle updates at: http://vibsdepot.hpe.com/hpe/oct.26.2021/esxi-650-bundles</p> <p>Gen10 SPP 2022.03.0 and Gen9 SPP Gen9.0 at: www.hpe.com/servers/spp/download</p> |

Notes:

Gen10 SPP version 2022.03.0 supports use with vLCM/HSM with vSphere 7.0U2 (OneView HSM only) and 7.0U3c (OneView and iLO Amplifier HSM). For more information, see <http://vibsdepot.hpe.com/customimages/Valid-vLCM-Combos.pdf>.

Software and drivers in the <http://vibsdepot.hpe.com/hpe/apr2022> release directories matches the Gen10 SPP version 2022.03.0 SPP at <https://www.hpe.com/global/swpublishing/MTX-4059514b5d7241f88322e431d4> and the Gen9 SPP version Gen9.0 SPP at <https://www.hpe.com/global/swpublishing/MTX-ffbd838e35b641ddb16112e2b2> 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 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.

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. 6.7) or when VMware publishes a new update release (e.g. 6.7 U1).

HPE System Management Software

| Product | ESXi Versions | Current Version Supported | Current Offline Bundle |
|--|--------------------------|---------------------------|---|
| HPE Agentless Management Bundle for vSphere 7.0 for Gen10 | vSphere 7.0U1 | 701.11.8.0 | amsdComponent_701.11.8.0.15-1_18612107.zip |
| HPE Agentless Management Bundle for vSphere 7.0 for Gen9 | vSphere 7.0U1 | 701.11.8.0 | amshelprComponent_701.11.8.0.12-1_18567695.zip |
| HPE ESXi Utilities Offline Bundle for VMware vSphere 7.0 | vSphere 7.0 | 10.8.0 | HPE-Utility-Component_10.8.0.700-22_18497760.zip |
| HPE iLO Native Driver for VMware vSphere 7.0 | vSphere 7.0 | 700.10.7.5 | ilo-driver_700.10.7.5.2-10EM.700.1.0.15843807_17856914.zip |
| HPE CRU Native Driver for VMware vSphere 7.0 | vSphere 7.0 | 700.10.16 | cru_driver_700.10.16_10EM.700.0.0.1482893_9_signed_component_15675715.zip |
| HPE Smart Storage Administrator CLI of vSphere 7.0 | vSphere 7.0 | 5.30.6.0 | hpessacli-component_5.30.6.0-7.0.0_19303168.zip |
| HPE Integrated Smart Update Tools for vSphere 7.0 | vSphere 7.0 | 701.2.9.1 | sutComponent_701.2.9.1.9-0-signed_component-19330218.zip |
| HPE SMX Provider Component for vSphere 7.0 | vSphere 7.0 | 700.03.16.00 | smxProvider_700.03.16.00_1_12_1482893_9_signed_component_1567546.zip |
| HPE Fiber Channel and Storage Enablement Component for vSphere 7.0 | vSphere 7.0 | 700.3.8.0 | fc-enablement-component_700.3.8.0.6-1_18506758.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 | 700.3.3.0 | ilorest-component_700.3.3.0.3-15843807_18625941.zip |
| HPE ESXi Offline Bundle for VMware vSphere 6.7 for Gen9 | vSphere 6.7 | 3.8.0 | esxi6.7uX-mgmt-bundle-gen9.3.8.0.12-1.zip |
| HPE Agentless Management Service Offline Bundle for VMware vSphere 6.7 for Gen10 | vSphere 6.7 | 11.8.0 | ams-esxi6.7-bundle-gen10.11.8.0.15-1.zip |
| HPE ESXi Utilities Offline Bundle for VMware vSphere 6.7 | vSphere 6.7 | 10.9.0 | HPE-Utility-Component_10.9.0.670-5.zip |
| HPE Integrated Smart Update Tool for VMware vSphere 6.7 | vSphere 6.7 | 2.9.1.0 | sut-esxi6.7-offline-bundle-2.9.1.0-6.zip |
| HPE Restful Interface Tool for vSphere 6.7 and 6.5 | vSphere 6.7, vSphere 6.5 | 650.3.3.0 | ilorest-650.3.3.0.2-4240417-offline_bundle-18625961.zip |
| HPE ESXi Offline Bundle for VMware vSphere 6.5 for Gen9 | vSphere 6.5 | 3.8.0 | esxi6.5uX-mgmt-bundle-gen9.3.8.0.12-1.zip |
| HPE Agentless Management Service Offline Bundle for VMware vSphere 6.5 for Gen10 | vSphere 6.5 | 11.8.0 | ams-esxi6.5-bundle-gen10.11.8.0.15-1.zip |
| HPE ESXi Utilities Offline Bundle for VMware vSphere 6.5 | vSphere 6.5 | 10.8.0 | HPE-Utility-Component_10.8.0.650-26.zip |
| HPE Integrated Smart Update Tool for VMware vSphere 6.5 | vSphere 6.5 | 2.9.0.0 | sut-esxi6.5-offline-bundle-2.9.0.0-19.zip |

Revision History

| Date | Version | Change Description |
|------------|---------|--|
| 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. |

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| 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. |

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| 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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