

HPE Recommended VMware LifeCycle Manager Desired Image Definitions

VMware LifeCycle Manager (vLCM) introduces the concept of a Desired Image, which is a precise description of OS release, software, drivers and firmware. The Desired Image is defined using a VMware Base Image, Vendor AddOn, Vendor Hardware Support Pack (HSP) and additional software/driver components. vLCM support of a Vendor HSP requires installation of a Vendor vLCM Hardware Support Manager (HSM) plug-in.

This document contains HPE recommendations to define the vLCM Desired Image for HPE ProLiant Gen10 and newer servers running ESXi 7.0 or newer.

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:

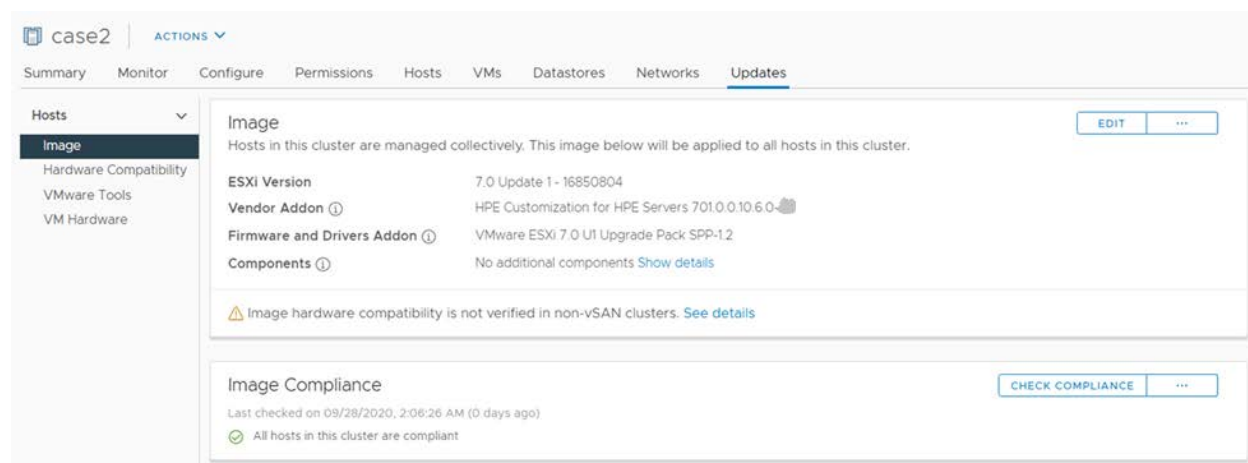
- [HPE Synergy Software Releases – Overview](#)

HPE vLCM HSM plug-ins support the Support Pack for ProLiant (SPP) and VMware Upgrade Pack (VUP) as the vLCM HSP.

vLCM support for the use of the SPP or VUP requires installation of an HPE vLCM Hardware Support Manager (HSM) plug-in. See below for more information about the HPE vLCM HSM Plug-ins:

- iLO Amplifier HSM at: [iLO Amplifier Pack Documentation](#)
- OneView HSM (OV4VC 10.1 or newer) at: [HPE OneView for VMware vCenter Documentation](#)

The picture below shows an example of the vLCM Desired Image definition using a VMware Base Image, HPE AddOn and HPE VUP.



The screenshot shows the VMware vCenter vLCM Desired Image configuration page. The page is titled "Image" and includes a navigation menu with options like Summary, Monitor, Configure, Permissions, Hosts, VMs, Datastores, Networks, and Updates. The main content area displays the following information:

- Image:** Hosts in this cluster are managed collectively. This image below will be applied to all hosts in this cluster. (EDIT button)
- ESXi Version:** 7.0 Update 1 - 16850804
- Vendor Addon:** HPE Customization for HPE Servers 701.0.0.10.6.0-0
- Firmware and Drivers Addon:** VMware ESXi 7.0 UI Upgrade Pack SPP-1.2
- Components:** No additional components [Show details](#)
- Warning:** Image hardware compatibility is not verified in non-vSAN clusters. [See details](#)
- Image Compliance:** Last checked on 09/28/2020, 2:06:26 AM (0 days ago). All hosts in this cluster are compliant. (CHECK COMPLIANCE button)

HPE recommends the following combinations to define the vLCM Desired Image for HPE ProLiant Gen10 and newer servers running ESXi 7.0 or newer for the VMware Base Image, the HPE AddOn and the HPE Support Pack for ProLiant (SPP) or the VMware Upgrade Pack (VUP). For more information on the VMware Base Images, see VMware KB <https://kb.vmware.com/s/article/2143832>.

The HPE AddOns are available from the VMware unified depot as well as the ESXi image download page at: <http://www.hpe.com/info/esxidownload>

The VUPs are available at:

- VUP 1.1A: <https://www.hpe.com/global/swpublishing/MTX-cbc3c6765023429481d40e2f27>
- VUP 1.2: <https://www.hpe.com/global/swpublishing/MTX-070d91e67e294e929a1657acf7>

The picture above uses the information in the second row in the table below.

VMware Base Image	HPE AddOn	HPE SPP/VUP	Additional User Defined SW/Driver Components
ESXi 7.0b Build 16324942	HPE ESXi 7.0 Add-On 700.0.0.10.5.5	VUP 1.1A	
ESXi 7.0 Update 1 Build 16850804	HPE ESXi 7.0 U1 Add-On 701.0.0.10.6.0	VUP 1.2	

Revision History

Date	Version	Change Description
11.13.20	1.00	Initial Version

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