

## SPP HPE Custom Image vibsdepot mapping for Gen9 and later

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](#)

### 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 Gen9 and later 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 6.7 U3](#)

[VMware vSphere 6.7 U2](#)

[VMware vSphere 6.7 U1](#)

[VMware vSphere 6.7](#)

[VMware vSphere 6.5 U3](#)

[VMware vSphere 6.5 U2](#)

[VMware vSphere 6.5 U1](#)

[VMware vSphere 6.5](#)

[VMware vSphere 6.0 U3](#)

[VMware vSphere 6.0 U2](#)

[VMware vSphere 6.0 U1](#)

[VMware vSphere 5.5 U3](#)

## 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 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.

[2019.03.1](#)

[2019.03.0](#)

[2018.11.0](#)

[2018.09.0](#)

[2018.06.0](#)

[2018.03.0](#)

[2017.10.1](#)

[2017.07.2](#)

[2017.04.0](#)

[2016.10.0](#)

[2016.04.0](#)

[2015.10.0](#)

## Updating to newer SPPs

The table in the Important Notes section in the VMware Software Recipe documents available on <https://vibsdepot.hpe.com> lists all previously released HPE Custom Images that can be updated using the referenced SPP and vibsdepot directories. For example, the entry below from the May 2018 VMware Software Recipe for the Service Pack for ProLiant (SPP) Version 2018.03.0 indicates that the HPE Custom Image for VMware vSphere 6.0 Update 2 (09 December 2016) can use the feb2018 vibsdepot directory to update the drivers and software to match the FW in the 2018.03.0 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><b>Driver Updates are required</b></p> <p>Required drivers are available from: VUM online updates at: <a href="http://vibsdepot.hpe.com/hpe/feb2018/index-driv.xml">http://vibsdepot.hpe.com/hpe/feb2018/index-driv.xml</a></p> <p>Offline bundles updated at: <a href="http://vibsdepot.hpe.com/hpe/feb2018/esxi-600-devicedrivers">http://vibsdepot.hpe.com/hpe/feb2018/esxi-600-devicedrivers</a></p> <p>(SPP) 2018.03.0 at: <a href="http://www.hpe.com/servers/spp/download">www.hpe.com/servers/spp/download</a></p> <p><b>Note:</b> Both required driver and software updates are available from VUM online updates at: <a href="http://vibsdepot.hpe.com/hpe/feb2018/index.xml">http://vibsdepot.hpe.com/hpe/feb2018/index.xml</a></p>	<p><b>Software updates are required</b></p> <p>Required software is available from: VUM online updates at: <a href="http://vibsdepot.hpe.com/hpe/feb2018/index.xml">http://vibsdepot.hpe.com/hpe/feb2018/index.xml</a></p> <p>Offline bundle updates at: <a href="http://vibsdepot.hpe.com/hpe/feb2018/esxi-600-bundles">http://vibsdepot.hpe.com/hpe/feb2018/esxi-600-bundles</a></p> <p><b>Note:</b> Both required driver and software updates are available from VUM online updates at: <a href="http://vibsdepot.hpe.com/hpe/feb2018/index.xml">http://vibsdepot.hpe.com/hpe/feb2018/index.xml</a></p>

HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
HPE Custom Image for VMware vSphere 6.7 U3 (Aug 2019) 15,16,17,18,19,20,21	oem-build-670.U3.10.4.5	<a href="http://vibsdepot.hpe.com/hpe/aug2019">http://vibsdepot.hpe.com/hpe/aug2019</a> <sup>20</sup>	<a href="#">2019.03.1</a>	Server/option updates

- <sup>15</sup> This image contains the version of the HPE ProLiant Gen9 Smart Array Controller nhpsa driver version 2.0.42 that is vSAN certified and fixes the issue described in the CA at: [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00071157en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00071157en_us) This version of the driver has a hot-plug limitation, described in the CA at: [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00078614en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00078614en_us)
- <sup>16</sup> This image contains the version of the HPE ProLiant Gen10 Smart Array Controller smartpqi driver version 1.0.3.2309 that is vSAN certified and fixes the issue described in the CA at: [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00071158en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00071158en_us)
- <sup>17</sup> This image contains the version of the hpdsa driver, 5.5.0.68-1, that fixes a PSOD issue. For more information, see the HPE CA at: [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00073851en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00073851en_us)
- <sup>18</sup> This image contains a version of the bnxtnet driver, 214.0.195.0, that fixes a PSOD issue. For more information, see the HPE CA at: [https://support.hpe.com/hpsc/doc/public/display?docLocale=en\\_US&docId=emr\\_na-a00044032en\\_us](https://support.hpe.com/hpsc/doc/public/display?docLocale=en_US&docId=emr_na-a00044032en_us)
- <sup>19</sup> This image contains the version of the HPE Agentless Management Service that fixes the issue described in the CA at: [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00073323en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00073323en_us)

<sup>20</sup> This image contains newer drivers that require newer firmware than the drivers and firmware included in the 2019.03.1 SPP. The newer drivers and firmware, their versions and the URLs for the firmware are listed below. The newer drivers are available from the vibsdepot directory above:

Driver Name	Driver Version	Firmware Version	Firmware URL
qedentv	3.11.7.0	4.10.15	<a href="https://support.hpe.com/hpsc/swd/public/detail?swltemId=MTX_1173adaa1efd4875b8e9c522d1">https://support.hpe.com/hpsc/swd/public/detail?swltemId=MTX_1173adaa1efd4875b8e9c522d1</a>
qedrntv	3.11.7.0		
qedf	1.3.36.0		
qedi	2.10.15.0		
qfle3	1.0.86.0	1.25.11	<a href="https://support.hpe.com/hpsc/swd/public/detail?swltemId=MTX_55d72ecfd98540b5b9aac0bcec">https://support.hpe.com/hpsc/swd/public/detail?swltemId=MTX_55d72ecfd98540b5b9aac0bcec</a>
qfle3i	1.0.23.0		
qfle3f	1.0.68.0		
qcnic	1.0.26.0		

<sup>21</sup> This image contains the version of the ixgben driver, 1.7.15, that fixes the issue described in the HPE CA at: [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00073436en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00073436en_us)

## VMware vSphere 6.7 U2

HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
HPE Custom Image for VMware vSphere 6.7 U2 (11 April 2019) <small>13,15,16</small>	oem-build-670.U2.10.4.1	<a href="http://vibsdepot.hpe.com/hpe/apr.11.2019">http://vibsdepot.hpe.com/hpe/apr.11.2019</a>	<a href="#">2019.03.0</a> <sup>13</sup> <a href="#">2019.03.1</a>	Server/option updates

<sup>13</sup> SPP supports VMware vSphere online FW, driver and SW components for VMware vSphere 6.7 U2 for Gen 9 with April 2019 HPE Custom Image (version 670.U2.10.4.0), which includes the April 2019 HPE WBEM providers (version 03.15.00), or newer installed and running. See CA at: [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00050181en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00050181en_us)

<sup>15</sup> Does not support VMware vSAN environments using the included HPE ProLiant Gen9 Smart Array Controller nhpsa driver version 2.0.38.

<sup>16</sup> Does not support VMware vSAN environments using the included HPE ProLiant Gen10 Smart Array Controller smartpqi driver version 1.0.3.2302.

HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
HPE Custom Image for VMware vSphere 6.7 U1 (2 April 2019) <sup>12,14,15</sup>	oem-build-670.U1.10.4.0	<a href="http://vibsdepot.hpe.com/hpe/apr2019">http://vibsdepot.hpe.com/hpe/apr2019</a>	<a href="#">2019.03.0</a> <sup>13</sup> <a href="#">2019.03.1</a>	Server/option updates
NA	NA	<a href="http://vibsdepot.hpe.com/hpe/nov2018">http://vibsdepot.hpe.com/hpe/nov2018</a> <sup>11</sup>	NA	6.7 AMS HotFix
HPE Custom Image for VMware vSphere 6.7 U1 (16 October 2018)	oem-build-670.U1.10.3.5	<a href="http://vibsdepot.hpe.com/hpe/sep2018">http://vibsdepot.hpe.com/hpe/sep2018</a>	<a href="#">2018.09.0</a> <sup>8</sup> <a href="#">2018.11.0</a> <sup>10 11</sup>	Server/option updates

- <sup>8</sup> SPP does not contain any VMware vSphere online FW, driver or SW components for VMware vSphere 6.7 U1. FW update for servers running VMware vSphere 6.7 U1 must be done via offline FW update. Software and driver update for servers running VMware vSphere 6.7 U1 must be done using the HPE Custom Image or vibsdepot.
- <sup>10</sup> SPP only supports VMware vSphere online FW, driver and SW components for VMware vSphere 6.7 U1 for Gen10. FW update for servers running VMware vSphere 6.7 U1 on Gen9 must be done via offline FW update. Software and driver update for servers running VMware vSphere 6.7 U1 on Gen9 must be done using the HPE Custom Image or vibsdepot. See CA at: [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00050181en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00050181en_us)
- <sup>11</sup> Includes AMS hot-fixes for reporting blank Active HPE Software versions for installed drivers displayed in SUM and AMS crash when processing a Link Down/Up Trap for a NIC port that has multiple IPV6 addresses. For details, refer to the customer advisories at: [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00059315en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00059315en_us) and [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00059794en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00059794en_us) respectively.
- <sup>12</sup> Includes VMware vSphere 6.7 Express Patch 06. For more information, see VMware Release Notes at: <https://docs.vmware.com/en/VMware-vSphere/6.7/rn/esxi670-201901001.html>
- <sup>13</sup> SPP supports VMware vSphere online FW, driver and SW components for VMware vSphere 6.7 U1 for Gen 9 with April 2019 HPE Custom Image (version 670.U1.10.4.0), which includes the April 2019 HPE WBEM providers (version 03.15.00), or newer installed and running. See CA at: [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00050181en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00050181en_us)
- <sup>14</sup> Does not support VMware vSAN environments using the included HPE ProLiant Gen10 Smart Array Controller smartpqi driver version 1.0.3.2035.
- <sup>15</sup> Does not support VMware vSAN environments using the included HPE ProLiant Gen9 Smart Array Controller nhpsa driver version 2.0.38.

HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
HPE Custom Image for VMware vSphere 6.7 (27 September 2018) <sup>9</sup>	oem-build-670.10.3.5	<a href="http://vibsdepot.hpe.com/hpe/sep2018">http://vibsdepot.hpe.com/hpe/sep2018</a>	<a href="#">2018.09.0</a> <sup>8</sup> <a href="#">2018.11.0</a> <sup>11</sup>	Server/option updates
HPE Custom Image for VMware vSphere 6.7 (26 June 2018)	oem-build-670.10.3.0-7535516	<a href="http://vibsdepot.hpe.com/hpe/jun2018">http://vibsdepot.hpe.com/hpe/jun2018</a>	<a href="#">2018.06.0</a> <sup>8</sup>	Server/option updates
HPE Custom Image for VMware vSphere 6.7 (17 April 2018)	oem-build-670.10.2.0-7535516	<a href="http://vibsdepot.hpe.com/hpe/apr2018">http://vibsdepot.hpe.com/hpe/apr2018</a>	<a href="#">2018.03.0</a> <sup>8</sup>	Server/option updates

<sup>8</sup> SPP does not contain any VMware vSphere online FW, driver or SW components for VMware vSphere 6.7. FW update for servers running VMware vSphere 6.7 must be done via offline FW update. Software and driver update for servers running VMware vSphere 6.7 must be done using the HPE Custom Image or vibsdepot.

<sup>9</sup> Includes VMware vSphere 6.7 Patch ESXi670-201808001. For more information, see the VMware Knowledge Base at: <https://kb.vmware.com/s/article/56534>

<sup>11</sup> SPP only supports VMware vSphere online FW, driver or SW components for VMware vSphere 6.7 for Gen10. FW update for servers running VMware vSphere 6.7 on Gen9 must be done via offline FW update. Software and driver update for servers running VMware vSphere 6.7 on Gen9 must be done using the HPE Custom Image or vibsdepot. See CA at: [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00050181en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00050181en_us)



HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
HPE Custom Image for VMware vSphere 6.5 U3 (27 June 2019) <sup>13,14,15,16</sup>	oem-build-650.U3.10.4.1	<a href="http://vibsdepot.hpe.com/hpe/jun2019">http://vibsdepot.hpe.com/hpe/jun2019</a>	<a href="#">2019.03.0</a> <a href="#">2019.03.1</a>	Server/option updates

<sup>13</sup> This image contains the version of the HPE ProLiant Gen10 Smart Array Controller smartpqi driver version 1.0.3.2309 that is vSAN certified and fixes the issue described in the CA at: [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00071158en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00071158en_us)

<sup>14</sup> Does not support VMware vSAN environments using the included HPE ProLiant Gen9 Smart Array Controller nhpsa driver version 2.0.38.

<sup>15</sup> This image contains the version of the hpdsa driver, 5.5.0.68-1, that fixes a PSOD issue. For more information, see the HPE CA at: [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00073851en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00073851en_us)

<sup>16</sup> This image contains the version of the bnxtnet driver, 214.0.190.0, that fixes a PSOD issue. For more information, see the HPE CA at: [https://support.hpe.com/hpsc/doc/public/display?docLocale=en\\_US&docId=emr\\_na-a00044032en\\_us](https://support.hpe.com/hpsc/doc/public/display?docLocale=en_US&docId=emr_na-a00044032en_us)

HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
HPE Custom Image for VMware vSphere 6.5 U2 (2 April 2019) <sup>12,13,14</sup>	oem-build-650.U2.10.4.0	<a href="http://vibsdepot.hpe.com/hpe/apr2019">http://vibsdepot.hpe.com/hpe/apr2019</a>	<a href="#">2019.03.0</a> <a href="#">2019.03.1</a>	Server/option updates
NA	NA	<a href="http://vibsdepot.hpe.com/hpe/nov2018">http://vibsdepot.hpe.com/hpe/nov2018</a> <sup>11</sup>	NA	6.5 AMS HotFix
HPE Custom Image for VMware vSphere 6.5 U2 (27 September 2018) <sup>9</sup>	oem-build-650.U2.10.3.5	<a href="http://vibsdepot.hpe.com/hpe/sep2018">http://vibsdepot.hpe.com/hpe/sep2018</a>	<a href="#">2018.09.0</a> <sup>10</sup> <a href="#">2018.11.0</a> <sup>11</sup>	Server/option updates
HPE Custom Image for VMware vSphere 6.5 U2 (26 June 2018)	oem-build-650.U2.10.3.0	<a href="http://vibsdepot.hpe.com/hpe/jun2018">http://vibsdepot.hpe.com/hpe/jun2018</a>	<a href="#">2018.06.0</a>	Server/option updates
HPE Custom Image for VMware vSphere 6.5 U2 (3 May 2018)	oem-build-650.U2.10.2.0	<a href="http://vibsdepot.hpe.com/hpe/may2018">http://vibsdepot.hpe.com/hpe/may2018</a>	<a href="#">2018.03.0</a>	Server/option updates

<sup>9</sup> Includes VMware vSphere 6.5 Patch ESXi650-201808001. For more information, see VMware KB at <https://kb.vmware.com/s/article/56544>

<sup>10</sup> SPP includes support for online FW, SW and driver update for Gen10 and newer servers running VMware vSphere 6.5.

<sup>11</sup> Includes AMS hot-fixes for reporting blank Active HPE Software versions for installed drivers displayed in SUM and AMS crash when processing a Link Down/Up Trap for a NIC port that has multiple IPV6 addresses. For details, refer to the customer advisories at: [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00059315en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00059315en_us) and [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00059794en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00059794en_us) respectively.

<sup>12</sup> Includes VMware vSphere 6.5 Patch ESXi650-201811001. For more information, see VMware Release Note at <https://docs.vmware.com/en/VMware-vSphere/6.5/rn/esxi650-201811001.html>

<sup>13</sup> Does not support VMware vSAN environments using the included HPE ProLiant Gen10 Smart Array Controller smartpqj driver version 1.0.3.2035.

<sup>14</sup> Does not support VMware vSAN environments using the included HPE ProLiant Gen9 Smart Array Controller nhpsa driver version 2.0.38.

HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
HPE Custom Image for VMware vSphere 6.5 U1 (9 February 2018)	oem-build-650.U1.10.2.0-4240417	<a href="http://vibsdepot.hpe.com/hpe/feb2018">http://vibsdepot.hpe.com/hpe/feb2018</a>	<a href="#">2018.03.0</a>	Server/option updates VMware patches <sup>7</sup>
HPE Custom Image for VMware vSphere 6.5 U1 (26 October 2017) <sup>6</sup>	hpe-build-650.U1.10.1.5-4240417	<a href="http://vibsdepot.hpe.com/hpe/oct.26.2017">http://vibsdepot.hpe.com/hpe/oct.26.2017</a> <sup>6</sup>	<a href="#">2017.10.1</a>	No pre-Gen9 support Net-bnx2x driver fix, nhpsa driver fix, vsan Express Patch 4.
HPE Custom Image for VMware vSphere 6.5 U1 (6 October 2017) <sup>5</sup>	hpe-build-650.U1.10.1.3.3-4240417	<a href="http://vibsdepot.hpe.com/hpe/oct2017">http://vibsdepot.hpe.com/hpe/oct2017</a> <sup>5</sup>	<a href="#">2017.07.2</a>	First Gen10 support No pre-Gen9 support Server/option updates

<sup>5</sup> Due to a recently discovered issue with the net-bnx2x driver version 2.713.30 in the latest NX2 package (drivers include bnx2, bnx2x, bnx2fc, bnx2i) that can cause the supported cards to become inoperable and unrecoverable, HPE has created a new October HPE Custom Image that includes the VMware in-box version of the net-bnx2x driver 1.78.80.v60.12 and a new vibsdepot directory <http://vibsdepot.hpe.com/hpe/oct2017>. This HPE Custom Image does not support any of the cards with this issue. A replacement driver, HPE Custom Image, vibsdepot directory and Customer Advisory are expected to be published soon. For details, refer to the customer advisory at:

[http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00028272en\\_us](http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr_na-a00028272en_us)

<sup>6</sup> Includes the updated net-bnx2x driver version 2.713.30.v60.9. For details, refer to the customer advisory at:

[http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00028272en\\_us](http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr_na-a00028272en_us)

<sup>7</sup> Includes VMware patches for Intel Bundled Microcode. For details, refer to the VMware KB at: <https://kb.vmware.com/s/article/52345>

## VMware vSphere 6.5

HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
HPE Custom Image for VMware vSphere 6.5 (26 October 2017) <sup>6</sup>	hpe-build-650.10.1.5-4240417	<a href="http://vibsdepot.hpe.com/hpe/oct.26.2017">http://vibsdepot.hpe.com/hpe/oct.26.2017</a> <sup>6</sup>	<a href="#">2017.10.1</a>	No pre-Gen9 support Net-bnx2x driver fix, nhpsa driver fix.
HPE Custom Image for VMware vSphere 6.5 (6 October 2017) <sup>5</sup>	hpe-build-650.10.1.3.5-4240417	<a href="http://vibsdepot.hpe.com/hpe/oct2017">http://vibsdepot.hpe.com/hpe/oct2017</a> <sup>2 5</sup>	<a href="#">2017.07.2</a>	First Gen10 support No pre-Gen9 support Server/option updates
HPE Custom Image for VMware vSphere 6.5 (08 May 2017)	hpe-build-650.9.6.5.27	<a href="http://vibsdepot.hpe.com/hpe/may2017">http://vibsdepot.hpe.com/hpe/may2017</a>	<a href="#">2017.04.0</a> <sup>4</sup>	6.5 Respin including VMware P01 Last pre-Gen9 support
NA	NA	<a href="http://vibsdepot.hpe.com/hpe/jan2017">http://vibsdepot.hpe.com/hpe/jan2017</a> <sup>3</sup>	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	<a href="http://vibsdepot.hpe.com/hpe/nov2016">http://vibsdepot.hpe.com/hpe/nov2016</a>	<a href="#">2016.10.0</a> <sup>4</sup>	6.5 GA OS Release

<sup>2</sup> vibsdepot directory includes 6.5/6.0 HPE value add software components with the WBEM Providers HotFix.

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

<sup>4</sup> 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.

<sup>5</sup> Due to a recently discovered issue with the net-bnx2x driver version 2.713.30 in the latest NX2 package (drivers include bnx2, bnx2x, bnx2fc, bnx2i) that can cause the supported cards to become inoperable and unrecoverable, HPE has created a new October HPE Custom Image that includes the VMware in-box version of the net-bnx2x driver 1.78.80.v60.12 and a new vibsdepot directory <http://vibsdepot.hpe.com/hpe/oct2017>. This HPE Custom Image does not support any of the cards with this issue. A replacement driver, HPE Custom Image, vibsdepot directory and Customer Advisory are expected to be published soon. For details, refer to the customer advisory at: [http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00028272en\\_us](http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr_na-a00028272en_us)

<sup>6</sup> Includes the updated net-bnx2x driver version 2.713.30.v60.9. For details, refer to the customer advisory at: [http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00028272en\\_us](http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr_na-a00028272en_us)

HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
HPE Custom Image for VMware vSphere 6.0 U3 (2 April 2019) <small>13,14</small>	oem-build-600.10.4.0	<a href="http://vibsdepot.hpe.com/hpe/apr2019">http://vibsdepot.hpe.com/hpe/apr2019</a>	<a href="#">2019.03.0</a> <a href="#">2019.03.1</a>	Server/option updates
HPE Custom Image for VMware vSphere 6.0 U3 (8 February 2019) <small>9 12</small>	oem-build-600.10.3.6	<a href="http://vibsdepot.hpe.com/hpe/sep2018">http://vibsdepot.hpe.com/hpe/sep2018</a>	<a href="#">2018.09.0</a> <sup>10</sup> <a href="#">2018.11.0</a> <sup>11</sup>	Remove Intel CIM provider
NA	NA	<a href="http://vibsdepot.hpe.com/hpe/nov2018">http://vibsdepot.hpe.com/hpe/nov2018</a> <sup>11</sup>	NA	6.0 AMS HotFix
HPE Custom Image for VMware vSphere 6.0 U3 (27 September 2018) <small>9</small>	oem-build-600.10.3.5	<a href="http://vibsdepot.hpe.com/hpe/sep2018">http://vibsdepot.hpe.com/hpe/sep2018</a>	<a href="#">2018.09.0</a> <sup>10</sup> <a href="#">2018.11.0</a> <sup>11</sup>	Server/option updates
HPE Custom Image for VMware vSphere 6.0 Update 3 (26 June 2018)	oem-build-600-10.3.0-2494585	<a href="http://vibsdepot.hpe.com/hpe/jun2018">http://vibsdepot.hpe.com/hpe/jun2018</a>	<a href="#">2018.06.0</a>	Server/option updates VMware patches <sup>8</sup>
HPE Custom Image for VMware vSphere 6.0 Update 3 (9 February 2018)	oem-build-600-10.2.0-2494585	<a href="http://vibsdepot.hpe.com/hpe/feb2018">http://vibsdepot.hpe.com/hpe/feb2018</a>	<a href="#">2018.03.0</a>	Server/option updates VMware patches <sup>7</sup>
HPE Custom Image for VMware vSphere 6.0 Update 3 (26 October 2017) <small>6</small>	hpe-build-600-10.1.5-2494585	<a href="http://vibsdepot.hpe.com/hpe/oct.26.2017">http://vibsdepot.hpe.com/hpe/oct.26.2017</a> <sup>6</sup>	<a href="#">2017.10.1</a>	No pre-Gen9 support Net-bnx2x driver fix, vsan Express Patch 4.
HPE Custom Image for VMware vSphere 6.0 Update 3 (6 October 2017) <small>5</small>	hpe-build-600-10.1.3.5-2494585	<a href="http://vibsdepot.hpe.com/hpe/oct2017">http://vibsdepot.hpe.com/hpe/oct2017</a> <sup>2 5</sup>	<a href="#">2017.07.2</a>	First Gen10 support No pre-Gen9 support Server/option updates
HPE Custom Image for VMware vSphere 6.0 Update 3 (23 February 2017)	hpe-build-600.9.7.0.17-2494585	<a href="http://vibsdepot.hpe.com/hpe/feb2017">http://vibsdepot.hpe.com/hpe/feb2017</a>	<a href="#">2017.04.0</a> <sup>4</sup> <a href="#">2016.10.0</a> <sup>4</sup>	6.0U3 OS Release Last pre-Gen9 support

- <sup>2</sup> vibsdepot directory includes 6.5/6.0 HPE value add software components with the WBEM Providers HotFix.
- <sup>4</sup> SPP does not contain any VMware vSphere online FW or SW components for VMware vSphere 6.0 U3. FW update for servers running VMware vSphere 6.0 U3 must be done via offline FW update. Software and driver update for servers running VMware vSphere 6.0 U3 must be done using the HPE Custom Image or vibsdepot.
- <sup>5</sup> Due to a recently discovered issue with the net-bnx2x driver version 2.713.30 in the latest NX2 package (drivers include bnx2, bnx2x, bnx2fc, bnx2i) that can cause the supported cards to become inoperable and unrecoverable, HPE has created a new October HPE Custom Image that includes the VMware in-box version of the net-bnx2x driver 1.78.80.v60.12 and a new vibsdepot directory <http://vibsdepot.hpe.com/hpe/oct2017>. This HPE Custom Image does not support any of the cards with this issue. A replacement driver, HPE Custom Image, vibsdepot directory and Customer Advisory are expected to be published soon. For details, refer to the customer advisory at: [http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00028272en\\_us](http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr_na-a00028272en_us)
- <sup>6</sup> Includes the updated net-bnx2x driver version 2.713.30.v60.9. For details, refer to the customer advisory at: [http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00028272en\\_us](http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr_na-a00028272en_us)
- <sup>7</sup> Includes VMware patches for Intel Bundled Microcode. For details, refer to the VMware KB at: <https://kb.vmware.com/s/article/52345>
- <sup>8</sup> Includes vSphere 6.0 U3e update. For more information, see the VMware Knowledge Base Article at: <https://kb.vmware.com/s/article/52451>
- <sup>9</sup> HPE Custom Image includes VMware vSphere 6.0 U3 Patch 07. For details, refer to the VMware KB at: <https://kb.vmware.com/s/article/53627> and the patch to fix the issue described in the VMware security advisory at: <https://www.vmware.com/security/advisories/VMSA-2018-0020.html>
- <sup>10</sup> SPP includes support for online FW, SW and driver update forward for Gen10 and newer servers running VMware vSphere 6.0.
- <sup>11</sup> Includes AMS hot-fixes for reporting blank Active HPE Software versions for installed drivers displayed in SUM and AMS crash when processing a Link Down/Up Trap for a NIC port that has multiple IPV6 addresses. For details, refer to the customer advisories at: [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00059315en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00059315en_us) and [https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00059794en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00059794en_us) respectively.
- <sup>12</sup> HPE Custom Image includes the same content as the previous September 2018 HPE Custom Image, except the Intel CIM Provider is not included.
- <sup>13</sup> Includes VMware vSphere 6.0 Express Patch 19. For more information, see VMware Release Notes at: <https://docs.vmware.com/en/VMware-vSphere/6.0/rn/esxi600-201811001.html>
- <sup>14</sup> Does not support VMware vSAN environments using the included HPE ProLiant Gen10 Smart Array Controller smartpqi driver version 1.0.3.2035.

## VMware vSphere 6.0 U2

No Gen10 or later support.

HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
HPE Custom Image for VMware vSphere 6.0 Update 2 (09 December 2016)	hpe-build-600.9.6.5.7-2494585	<a href="http://vibsdepot.hpe.com/hpe/dec2016">http://vibsdepot.hpe.com/hpe/dec2016</a>	<a href="#">2016.10.0</a>	Server/option updates
HP Custom Image for VMware vSphere 6.0 Update 2 (24 October 2016)	hpe-build-600.9.6.0.49-2494585	<a href="http://vibsdepot.hpe.com/hpe/oct2016">http://vibsdepot.hpe.com/hpe/oct2016</a>	<a href="#">2016.10.0</a>	Server/option updates
HP Custom Image for VMware vSphere 6.0 Update 2 (01 April 2016)	hpe-build-600.9.5.0.48-2494585	<a href="http://vibsdepot.hpe.com/hpe/apr2016">http://vibsdepot.hpe.com/hpe/apr2016</a>	<a href="#">2016.04.0</a>	Server/option updates
HP Custom Image for VMware vSphere 6.0 Update 2 (15 March 2016)	hpe-build-600.U2.9.4.7.13-2494585	<a href="http://vibsdepot.hpe.com/hpe/mar2016">http://vibsdepot.hpe.com/hpe/mar2016</a>	<a href="#">2015.10.0</a>	6.0U2 OS Release

## VMware vSphere 6.0 U1

No Gen10 or later support.

HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
HPE Custom Image for VMware vSphere 6.0 Update 1 (08 January 2016)	hpe-build-600.9.4.5.11-2494585	<a href="http://vibsdepot.hpe.com/hpe/jan2016">http://vibsdepot.hpe.com/hpe/jan2016</a>	<a href="#">2015.10.0</a>	6.0U1b with Skylake Support



## VMware vSphere 5.5 U3

No Gen10 or later support.

HPE Custom Image	HPE Custom Image Identifier	vibsdepot directory	SPP	Comments
NA	NA	<a href="http://vibsdepot.hpe.com/hpe/apr2017">http://vibsdepot.hpe.com/hpe/apr2017</a> <sup>1</sup>	NA	5.5 HPE Utility Bundle Fix
HPE Custom Image for VMware vSphere 5.5 Update 3 (09 December 2016)	hp-build 550.9.6.5.9 - 1198610	<a href="http://vibsdepot.hpe.com/hpe/dec2016">http://vibsdepot.hpe.com/hpe/dec2016</a>	<a href="#">2017.04.0</a>	Server/options updates
HP Custom Image for VMware vSphere 5.5 Update 3 (24 October 2016)	hp-build 550.9.6.0.45 - 1198610	<a href="http://vibsdepot.hpe.com/hpe/oct2016">http://vibsdepot.hpe.com/hpe/oct2016</a>	<a href="#">2016.10.0</a>	Server/option updates
HP Custom Image for VMware vSphere 5.5 Update 3 (01 April 2016)	hp-build 550.9.5.0.33 - 1198610	<a href="http://vibsdepot.hpe.com/hpe/apr2016">http://vibsdepot.hpe.com/hpe/apr2016</a>	<a href="#">2016.04.0</a>	Server/option updates
HP Custom Image for VMware vSphere 5.5 Update 3 (08 December 2015)	hp-build 550.9.4.5.7 - 1198610	<a href="http://vibsdepot.hpe.com/hpe/dec2015">http://vibsdepot.hpe.com/hpe/dec2015</a>	<a href="#">2015.10.0</a>	5.5U3b with Skylake Support

<sup>1</sup> vibsdepot directory only contains 5.5 HPE value add software components with the utility bundle fix. Should be used with previous 5.5 release.

## 2019.03.1 SPP

No pre-Gen9 support

No VMware vSphere online FW, driver or SW components for vSphere 6.7 on Gen9.

SPP documentation and downloads for the 2019.03.1 release can be found at <http://www.hpe.com/servers/spp/download?version=2019.03.1>

VMware vSphere version	Firmware	Drivers / Software
6.7 U3	2019.03.1 SPP Online or Offline update plus newer firmware <sup>1</sup>	HPE Custom Image HPE Custom Image for VMware vSphere 6.7 U3 (Aug 2019) <sup>1</sup> vibsdepot <a href="http://vibsdepot.hpe.com/hpe/aug2019">http://vibsdepot.hpe.com/hpe/aug2019</a> <sup>1</sup> 2019.03.1 SPP Online update plus newer drivers <sup>1</sup>
6.7 U2	2019.03.1 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.7 U2 (11 April 2019) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/apr.11.2019">http://vibsdepot.hpe.com/hpe/apr.11.2019</a> 2019.03.1 SPP Online update
6.7 U1	2019.03.1 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.7 U1 (1 April 2019) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/apr2019">http://vibsdepot.hpe.com/hpe/apr2019</a> 2019.03.1 SPP Online update
6.5 U3	2019.03.1 SPP online or offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 U3 (27 June 2019) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/jun2019">http://vibsdepot.hpe.com/hpe/jun2019</a> 2019.03.1 SPP Online update
6.5 U2	2019.03.1 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 U2 (1 April 2019) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/apr2019">http://vibsdepot.hpe.com/hpe/apr2019</a> 2019.03.1 SPP Online update
6.0 U3	2019.03.1 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.0 U3 (1 April 2019) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/apr2019">http://vibsdepot.hpe.com/hpe/apr2019</a> 2019.03.1 SPP Online update

<sup>1</sup> This version of the vibsdepot directory contains newer drivers that require newer firmware than the drivers and firmware included in the 2019.03.1 SPP. The newer drivers and firmware, their versions and the URLs for the firmware are listed in the matching section for the HPE Custom Image.

## 2019.03.0 SPP

No pre-Gen9 support

First support for Gen 9 VMware vSphere online FW, driver or SW components for vSphere 6.7 U1 and newer with April 2019 HPE Custom Image (version 670.U1.10.4.1), which includes the April 2019 HPE WBEM providers (version 03.15.00), or newer installed and running. See CA at:

[https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00050181en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00050181en_us)

No VMware vSphere online FW, driver or SW components for vSphere 6.7 on Gen9.

SPP documentation and downloads for the 2019.03.0 release has been replaced by 2019.03.1 SPP

VMware vSphere version	Firmware	Drivers / Software
6.7 U2	2019.03.0 SPP online or offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.7 U2 (11 April 2019) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/apr.11.2019">http://vibsdepot.hpe.com/hpe/apr.11.2019</a> 2019.03.0 SPP Online update
6.7 U1	2019.03.0 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.7 U1 (1 April 2019) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/apr2019">http://vibsdepot.hpe.com/hpe/apr2019</a> 2019.03.0 SPP Online update
6.5 U3	2019.03.0 SPP online or offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 U3 (27 June 2019) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/jun2019">http://vibsdepot.hpe.com/hpe/jun2019</a> 2019.03.0 SPP Online update
6.5 U2	2019.03.0 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 U2 (1 April 2019) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/apr2019">http://vibsdepot.hpe.com/hpe/apr2019</a> 2019.030 SPP Online update
6.0 U3	2019.03.0 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.0 U3 (1 April 2019) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/apr2019">http://vibsdepot.hpe.com/hpe/apr2019</a> 2019.03.0 SPP Online update

## 2018.11.0 Supplement SPP

No pre-Gen9 support

First support for VMware vSphere online FW, driver or SW components for vSphere 6.7 and vSphere 6.7 U1 on Gen10 only. See CA at:

[https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00050181en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00050181en_us)

No VMware vSphere online FW, driver or SW components for vSphere 6.7 or 6.7 U1 on Gen9. See CA at:

[https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00050181en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00050181en_us)

Includes AMS hot-fixes for reporting blank Active HPE Software versions for installed drivers displayed in SUM and AMS crash when processing a Link Down/Up Trap for a NIC port that has multiple IPV6 addresses. For details, refer to the customer advisories at:

[https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00059315en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00059315en_us) and

[https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00059794en\\_us](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00059794en_us) respectively.

SPP documentation and downloads for the 2018.11.0 release can be found at <http://www.hpe.com/servers/spp/download?version=2018.11.0>

VMware vSphere version	Firmware	Drivers / Software
6.7 U1	2018.11.0 SPP Online update (Gen10 only) 2018.11.0 SPP Offline update (Gen10/9)	HPE Custom Image HPE Custom Image for VMware vSphere 6.7 U1 (October 2018) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/sep2018">http://vibsdepot.hpe.com/hpe/sep2018</a> plus AMS hot-fixes at: <a href="http://vibsdepot.hpe.com/hpe/nov2018">http://vibsdepot.hpe.com/hpe/nov2018</a> Gen10 only – 2018.11.0 SPP Online update
6.7	2018.11.0 SPP Online update (Gen10 only) 2018.11.0 SPP Offline update (Gen10/9)	HPE Custom Image HPE Custom Image for VMware vSphere 6.7 (27 September 2018) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/sep2018">http://vibsdepot.hpe.com/hpe/sep2018</a> plus AMS hot-fixes at: <a href="http://vibsdepot.hpe.com/hpe/nov2018">http://vibsdepot.hpe.com/hpe/nov2018</a> Gen10 only – 2018.11.0 SPP Online update
6.5 U2	2018.11.0 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 U2 (27 September 2018) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/sep2018">http://vibsdepot.hpe.com/hpe/sep2018</a> plus AMS hot-fixes at: <a href="http://vibsdepot.hpe.com/hpe/nov2018">http://vibsdepot.hpe.com/hpe/nov2018</a> 2018.11.0 SPP Online update
6.0 U3	2018.11.0 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.0 U3 (27 September 2018) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/sep2018">http://vibsdepot.hpe.com/hpe/sep2018</a> plus AMS hot-fixes at: <a href="http://vibsdepot.hpe.com/hpe/nov2018">http://vibsdepot.hpe.com/hpe/nov2018</a> 2018.11.0 SPP Online update

## 2018.09.0 MSB

No pre-Gen9 support

No VMware vSphere online FW, driver or SW components for vSphere 6.7.

First support for VMware vSphere online FW, driver and SW components for Gen10 servers.

SPP documentation and downloads for the 2018.09.0 MSB release can be found at <http://www.hpe.com/servers/spp/download?version=2018.09.0>

VMware vSphere version	Firmware	Drivers / Software
6.7 U1	2018.09.0 SPP Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.7 (16 October 2018) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/sep2018">http://vibsdepot.hpe.com/hpe/sep2018</a>
6.7	2018.09.0 SPP Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.7 (27 September 2018) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/sep2018">http://vibsdepot.hpe.com/hpe/sep2018</a>
6.5 U2	2018.09.0 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 U2 (27 September 2018) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/sep2018">http://vibsdepot.hpe.com/hpe/sep2018</a> 2018.09.0 MSB Online update
6.0 U3	2018.09.0 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.0 U3 (27 September 2018) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/sep2018">http://vibsdepot.hpe.com/hpe/sep2018</a> 2018.09.0 MSB Online update

## 2018.06.0 SPP

No pre-Gen9 support

No VMware vSphere online FW, driver or SW components for vSphere 6.7.

No VMware vSphere online FW, driver or SW components for Gen10 servers.

SPP documentation and downloads for the 2018.06.0 SPP release can be found at <http://www.hpe.com/servers/spp/download?version=2018.06.0>

VMware vSphere version	Firmware	Drivers / Software
6.7	2018.06.0 SPP Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.7 (26 June 2018) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/jun2018">http://vibsdepot.hpe.com/hpe/jun2018</a>
6.5 U2	2018.06.0 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 U2 (26 June 2018) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/jun2018">http://vibsdepot.hpe.com/hpe/jun2018</a> 2018.06.0 SPP Online update
6.0 U3	2018.06.0 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.0 U3 (26 June 2018) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/jun2018">http://vibsdepot.hpe.com/hpe/jun2018</a> 2018.06.0 SPP Online update

## 2018.03.0 SPP

No pre-Gen9 support

No VMware vSphere online FW, driver or SW components for vSphere 6.7.

No VMware vSphere online FW, driver or SW components for Gen10 servers.

First SPP with online SW components for Gen9 servers.

SPP documentation and downloads for the 2018.03.0 SPP release can be found at <http://www.hpe.com/servers/spp/download?version=2018.03.0>

VMware vSphere version	Firmware	Drivers / Software
6.7	2018.03.0 SPP Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.7 (17 April 2018) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/apr2018">http://vibsdepot.hpe.com/hpe/apr2018</a>
6.5 U2	2018.03.0 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 U2 (3 May 2018) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/may2018">http://vibsdepot.hpe.com/hpe/may2018</a> 2018.03.0 SPP Online update
6.5 U1	2018.03.0 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 U1 (9 February 2018) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/feb2018">http://vibsdepot.hpe.com/hpe/feb2018</a> 2018.03.0 SPP Online update
6.0 U3	2018.03.0 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.0 U3 (9 February 2018) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/feb2018">http://vibsdepot.hpe.com/hpe/feb2018</a> 2018.03.0 SPP Online update

## 2017.10.1 SPP

No pre-Gen9 support

No VMware vSphere online FW, driver of SW components for Gen10 servers.

SPP documentation and downloads for the 2017.10.1SPP release can be found at <http://www.hpe.com/servers/spp/download?version=2017.10.1>

Includes the updated net-bnx2x driver version 2.713.30.v60.9. For details, refer to the customer advisory at:

[http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00028272en\\_us](http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr_na-a00028272en_us)

VMware vSphere version	Firmware	Drivers	Software
6.5 U1	2017.10.1 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 U1 (26 October 2017) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/oct.26.2017">http://vibsdepot.hpe.com/hpe/oct.26.2017</a> 2017.10.1 SPP Online update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 U1 (26 October 2017) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/oct.26.2017">http://vibsdepot.hpe.com/hpe/oct.26.2017</a>
6.5	2017.10.1 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 (26 October 2017) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/oct.26.2017">http://vibsdepot.hpe.com/hpe/oct.26.2017</a> 2017.10.1 SPP Online update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 (26 October 2017) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/oct.26.2017">http://vibsdepot.hpe.com/hpe/oct.26.2017</a>
6.0 U3	2017.10.1 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.0 U3 (26 October 2017) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/oct.26.2017">http://vibsdepot.hpe.com/hpe/oct.26.2017</a> 2017.10.1 SPP Online update	HPE Custom Image HPE Custom Image for VMware vSphere 6.0 U3 (26 October 2017) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/oct.26.2017">http://vibsdepot.hpe.com/hpe/oct.26.2017</a>



## 2017.07.2 SPP

No pre-Gen9 support

First SPP to support Gen10

First SPP to support 6.5 U1

First SPP with online FW and driver components for VMware vSphere 6.0 U3, 6.5 and 6.5 U1

No VMware vSphere online FW, driver or SW components for Gen10 servers.

SPP documentation and downloads for the 2017.07.2 SPP release can be found at <http://www.hpe.com/servers/spp/download?version=2017.07.2>

Due to a recently discovered issue with the net-bnx2x driver version 2.713.30 in the latest NX2 package (drivers include bnx2, bnx2x, bnx2fc, bnx2i) that can cause the supported cards to become inoperable and unrecoverable, HPE has created a new October HPE Custom Image that includes the VMware in-box net-bnx2x driver version 1.78.80.v60.12 and a new vibsdepot directory <http://vibsdepot.hpe.com/hpe/oct2017>.

This HPE Custom Image does not support any of the cards with this issue. The vibsdepot directory includes the Hot Fix for the memory leak in the HPE Wbem Providers for 6.5 and 6.0 U3. A replacement driver, HPE Custom Image, vibsdepot directory and Customer Advisory are expected to be published soon.

For details, refer to the customer advisory at: [http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr\\_na-a00028272en\\_us](http://h20565.www2.hpe.com/hpsc/doc/public/display?docId=emr_na-a00028272en_us)

VMware vSphere version	Firmware	Drivers	Software
6.5 U1	2017.07.2 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 U1 (06 October 2017) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/oct2017">http://vibsdepot.hpe.com/hpe/oct2017</a> 2017.07.2 SPP Online update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 U1 (06 October 2017) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/oct2017">http://vibsdepot.hpe.com/hpe/oct2017</a>
6.5	2017.07.2 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 (06 October 2017) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/oct2017">http://vibsdepot.hpe.com/hpe/oct2017</a> 2017.07.2 SPP Online update	HPE Custom Image HPE Custom Image for VMware vSphere 6.5 (06 October 2017) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/oct2017">http://vibsdepot.hpe.com/hpe/oct2017</a>
6.0 U3	2017.07.2 SPP Online or Offline update	HPE Custom Image HPE Custom Image for VMware vSphere 6.0 U3 (06 October 2017) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/oct2017">http://vibsdepot.hpe.com/hpe/oct2017</a> 2017.07.2 SPP Online update	HPE Custom Image HPE Custom Image for VMware vSphere 6.0 U3 (06 October 2017) vibsdepot <a href="http://vibsdepot.hpe.com/hpe/oct2017">http://vibsdepot.hpe.com/hpe/oct2017</a>

## 2017.04.0 SPP

2017.04.0 SPP does not contain any VMware vSphere online FW or SW components for VMware vSphere 6.0 U3 and 6.5. FW update for servers running VMware vSphere 6.0 U3 or 6.5 must be done via offline FW update. Software and driver update for servers running VMware vSphere 6.0 U3 or 6.5 must be done using the HPE Custom Image or vibsdepot.

Last SPP to support 5.5 U3.

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>

VMware vSphere version	Firmware	Drivers	Software
6.5	2017.04.0 SPP Offline update	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 6.5 (08 May 2017)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/may2017">http://vibsdepot.hpe.com/hpe/may2017</a></li> </ul>	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 6.5 (08 May 2017)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/may2017">http://vibsdepot.hpe.com/hpe/may2017</a></li> </ul>
6.0 U3	2017.04.0 SPP Offline update	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 6.0 Update 3 (23 February 2017)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/feb2017">http://vibsdepot.hpe.com/hpe/feb2017</a></li> </ul>	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 6.0 Update 3 (23 February 2017)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/feb2017">http://vibsdepot.hpe.com/hpe/feb2017</a></li> </ul>
5.5 U3	2017.04.0 SPP Online or Offline update	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 5.5 Update 3 (09 December 2016) + <a href="http://vibsdepot.hpe.com/hpe/apr2017">http://vibsdepot.hpe.com/hpe/apr2017</a></li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/dec2016">http://vibsdepot.hpe.com/hpe/dec2016</a> + <a href="http://vibsdepot.hpe.com/hpe/apr2017">http://vibsdepot.hpe.com/hpe/apr2017</a></li> <li>2017.04.0 SPP Online update</li> </ul>	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 5.5 Update 3 (09 December 2016) + <a href="http://vibsdepot.hpe.com/hpe/apr2017">http://vibsdepot.hpe.com/hpe/apr2017</a></li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/dec2016">http://vibsdepot.hpe.com/hpe/dec2016</a> + <a href="http://vibsdepot.hpe.com/hpe/apr2017">http://vibsdepot.hpe.com/hpe/apr2017</a></li> </ul>

## 2016.10.0 SPP

2016.10.0 SPP does not contain any VMware vSphere online FW or SW components for VMware vSphere 6.0 U3 and 6.5. FW update for servers running VMware vSphere 6.0 U3 or 6.5 must be done via offline FW update. Software and driver update for servers running VMware vSphere 6.0 U3 and 6.5 must be done using the HPE Custom Image or vibsdepot.

First SPP to support 6.5 and 6.0 U3. Last SPP to support 6.0 U2. 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](https://support.hpe.com/hpsc/swd/public/detail?swItemId=MTX_3c2bfc8c3b446a7a9451c4ab9)

VMware vSphere version	Firmware	Drivers	Software
6.5	2016.10.0 SPP Offline update	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 6.5 (18 November 2016) + <a href="http://vibsdepot.hpe.com/hpe/jan2017">http://vibsdepot.hpe.com/hpe/jan2017</a></li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/nov2016">http://vibsdepot.hpe.com/hpe/nov2016</a> + <a href="http://vibsdepot.hpe.com/hpe/jan2017">http://vibsdepot.hpe.com/hpe/jan2017</a></li> </ul>	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 6.5 (18 November 2016) + <a href="http://vibsdepot.hpe.com/hpe/jan2017">http://vibsdepot.hpe.com/hpe/jan2017</a></li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/nov2016">http://vibsdepot.hpe.com/hpe/nov2016</a> + <a href="http://vibsdepot.hpe.com/hpe/jan2017">http://vibsdepot.hpe.com/hpe/jan2017</a></li> </ul>
6.0 U3	2016.10.0 SPP Offline update	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 6.0 Update 3 (23 February 2017)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/feb2017">http://vibsdepot.hpe.com/hpe/feb2017</a></li> </ul>	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 6.0 Update 3 (23 February 2017)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/feb2017">http://vibsdepot.hpe.com/hpe/feb2017</a></li> </ul>
6.0 U2	2016.10.0 SPP Online or Offline update	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 6.0 Update 2 (09 December 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/dec2017">http://vibsdepot.hpe.com/hpe/dec2017</a></li> <li>2016.10.0 SPP Online update</li> </ul>	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 6.0 Update 2 (09 December 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/dec2017">http://vibsdepot.hpe.com/hpe/dec2017</a></li> </ul>
6.0 U2	2016.10.0 SPP Online or Offline update	<ul style="list-style-type: none"> <li>HP Custom Image for VMware vSphere 6.0 Update 2 (24 October 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/oct2017">http://vibsdepot.hpe.com/hpe/oct2017</a></li> <li>2016.10.0 SPP Online update</li> </ul>	<ul style="list-style-type: none"> <li>HP Custom Image for VMware vSphere 6.0 Update 2 (24 October 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/oct2017">http://vibsdepot.hpe.com/hpe/oct2017</a></li> </ul>
5.5 U3	2016.10.0 SPP Online or Offline update	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 5.5 Update 3 (09 December 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/dec2016">http://vibsdepot.hpe.com/hpe/dec2016</a></li> <li>2016.10.0 SPP Online update</li> </ul>	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 5.5 Update 3 (09 December 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/dec2016">http://vibsdepot.hpe.com/hpe/dec2016</a></li> </ul>
5.5 U3	2016.10.0 SPP Online or Offline update	<ul style="list-style-type: none"> <li>HP Custom Image for VMware vSphere 5.5 Update 3 (24 October 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/oct2016">http://vibsdepot.hpe.com/hpe/oct2016</a></li> <li>2016.10.0 SPP Online update</li> </ul>	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 5.5 Update 3 (24 October 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/oct2016">http://vibsdepot.hpe.com/hpe/oct2016</a></li> </ul>

## 2016.04.0 SPP

Last SPP to support 5.1 U3

SPP documentation and downloads for the 2016.04.0 SPP release can be found at

[https://support.hpe.com/hpsc/swd/public/detail?swItemId=MTX\\_d32057eee2bc45f187b3c3fbcf](https://support.hpe.com/hpsc/swd/public/detail?swItemId=MTX_d32057eee2bc45f187b3c3fbcf)

VMware vSphere version	Firmware	Drivers	Software
6.0 U2	2016.04.0 SPP Online or Offline update	<ul style="list-style-type: none"> <li>HP Custom Image for VMware vSphere 6.0 Update 2 (01 April 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/apr2016">http://vibsdepot.hpe.com/hpe/apr2016</a></li> <li>2016.04.0 SPP Online update</li> </ul>	<ul style="list-style-type: none"> <li>HP Custom Image for VMware vSphere 6.0 Update 2 (01 April 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/apr2016">http://vibsdepot.hpe.com/hpe/apr2016</a></li> </ul>
5.5 U3	2016.04.0 SPP Online or Offline update	<ul style="list-style-type: none"> <li>HP Custom Image for VMware vSphere 5.5 Update 3 (01 April 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/apr2016">http://vibsdepot.hpe.com/hpe/apr2016</a></li> <li>2016.04.0 SPP Online update</li> </ul>	<ul style="list-style-type: none"> <li>HP Custom Image for VMware vSphere 5.5 Update 3 (01 April 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/apr2016">http://vibsdepot.hpe.com/hpe/apr2016</a></li> </ul>
5.1 U3	2016.04.0 SPP Online or Offline update	<ul style="list-style-type: none"> <li>HP Custom Image for VMware ESXi 5.1.0 Update 3 (01 April 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/apr2016">http://vibsdepot.hpe.com/hpe/apr2016</a></li> <li>2016.04.0 SPP Online update</li> </ul>	<ul style="list-style-type: none"> <li>HP Custom Image for VMware ESXi 5.1.0 Update 3 (01 April 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/apr2016">http://vibsdepot.hpe.com/hpe/apr2016</a></li> </ul>

## 2015.10.0 SPP

SPP documentation and downloads for the 2016.04.0 SPP release can be found at  
[https://support.hpe.com/hpsc/swd/public/detail?switemId=MTX\\_1d06af9e8a0a4e43b8981b4471](https://support.hpe.com/hpsc/swd/public/detail?switemId=MTX_1d06af9e8a0a4e43b8981b4471)

VMware vSphere version	Firmware	Drivers	Software
6.0 U2	2015.10.0 SPP Online or Offline update	<ul style="list-style-type: none"> <li>HP Custom Image for VMware vSphere 6.0 Update 2 (15 March 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/mar2016">http://vibsdepot.hpe.com/hpe/mar2016</a></li> <li>2015.10.0 SPP Online update</li> </ul>	<ul style="list-style-type: none"> <li>HP Custom Image for VMware vSphere 6.0 Update 2 (15 March 2016)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/mar2016">http://vibsdepot.hpe.com/hpe/mar2016</a></li> </ul>
6.0 U1	2015.10.0 SPP Online or Offline update	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 6.0 Update 1 (08 January 2016)</li> <li>2015.10.0 SPP Online update</li> </ul>	<ul style="list-style-type: none"> <li>HPE Custom Image for VMware vSphere 6.0 Update 1 (08 January 2016)</li> </ul>
5.5 U3	2015.10.0 SPP Online or Offline update	<ul style="list-style-type: none"> <li>HP Custom Image for VMware vSphere 5.5 Update 3 (08 December 2015)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/dec2015">http://vibsdepot.hpe.com/hpe/dec2015</a></li> <li>2015.10.0 SPP Online update</li> </ul>	<ul style="list-style-type: none"> <li>HP Custom Image for VMware vSphere 5.5 Update 3 (08 December 2015)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/dec2015">http://vibsdepot.hpe.com/hpe/dec2015</a></li> </ul>
5.1 U3	2015.10.0 SPP Online or Offline update	<ul style="list-style-type: none"> <li>HP Custom Image for VMware ESXi 5.1.0 Update 3 (09 November 2015)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/nov2015">http://vibsdepot.hpe.com/hpe/nov2015</a></li> <li>2015.10.0 SPP Online update</li> </ul>	<ul style="list-style-type: none"> <li>HP Custom Image for VMware ESXi 5.1.0 Update 3 (09 November 2015)</li> <li>vibsdepot at <a href="http://vibsdepot.hpe.com/hpe/nov2015">http://vibsdepot.hpe.com/hpe/nov2015</a></li> </ul>

## Revision History

Date	Version	Change Description
08.20.2019	1.16	Added VMware vSphere 6.7 U3.
06.27.2019	1.15	Added VMware vSphere 6.5 U3. Restored Synergy links.
06.05.2019	1.14.1	Removed reference to Synergy links
04.26.2019	1.14	Added 2019.03.1 SPP
4.18.2019	1.13.1	Added 6.7 U2 to 2019.03.0 SPP table
04.11.2019	1.13	Added VMware vSphere 6.7 U2.
04.02.2019	1.12.1	Added note related to nhpsa driver for Gen9 on 6.5 U2 and 6.7U1.
04.01.2019	1.12	Added 2019.03.0 SPP
2.08.2019	1.11.3	Added new version of 6.0 U3 HPE Custom Image. 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 Supplement SPP.
10.04.2018	1.10	Added VMware vSphere 6.7 U1.
09.27.2018	1.9	Added 2018.09.0 MSB and September 2018 HPE Custom Images for 6.0 U3, 6.5 U2 and 6.7.
06.26.2018	1.8	Fixed dates of June 2018 HPE Custom Images for 6.0 U3, 6.5 U2 and 6.7. Clarifications and change HPE SPP to SPP.
06.12.2018	1.7	Added 12 June 2018 HPE Custom Images for 6.0 U3, 6.5 U2 6.7 and associated vibsdepot directories. Added 2018.06.0 SPP.
05.10.2018	1.6	Update vibsdepot directory for 6.5 U2 OS release.
05.04.2018	1.5	Added VMware vSphere 6.5 U2
04.17.2018	1.4	Added VMware vSphere 6.7 Add links to SPP downloads and documentation Add SPP online driver update for 2017.7.2 and 2017.10.1 Add SPP online driver and SW update for 2018.03.0
02.05.2018	1.3	Added 2018.03.0 SPP Added Feb 5 2018 HPE Custom Images for 6.5 U1 and 6.0 U3 and associated vibsdepot directories
11.27.2017	1.2	Fix 5.5 U3 table to list 2017.04.0 SPP as supported with December HPE Custom Image

10.26.2017	1.1	Added 2017.10.1 SPP Added Oct 26 HPE Custom Images for 6.5 U1, 6.5 and 6.0 U3 and associated vibsdepot directories
10.06.2017	1.0	Initial version



---

## Get connected

[hpe.com/info/getconnected](http://hpe.com/info/getconnected)

Current HPE driver, support, and security alerts  
delivered directly to your desktop

© Copyright 2015 Hewlett Packard Enterprise Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HPE products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HPE shall not be liable for technical or editorial errors or omissions contained herein.

Trademark acknowledgments, if needed.