

# October 2016 VMware FW and 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.

To learn more about this document please view the 'About the HP-VMWare Recipe document' white paper at the following link: <http://h20564.www2.hp.com/hpsc/doc/public/display?docId=c04849476>

## Document Update Policy

A new version of this recipe will be published when a new HP Service Pack for ProLiant (SPP) is published, when a new HP Maintenance Supplement Bundle (MSB) is published, when VMware publishes a new OS Release (e.g. 5.5) or when VMware publishes a new update release (e.g. 5.5 U1).

**HOT FIXES:** The current recipe will be updated if HPE releases a hot-fix for a critical driver or FW fix

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 specifies the versions of firmware, and software that are recommended for use with VMware vSphere 5.x and VMware vSphere 6.x OS releases in conjunction with the HP Service Pack for ProLiant (SPP) 2016.10.0. The firmware versions and software versions listed in this document have been tested as a solution set using this SPP as a baseline, and are fully supported by HPE. Review the SPP Support Statement document on [www.hpe.com/servers/spp/documentation](http://www.hpe.com/servers/spp/documentation) to understand the support policy for SPP releases. When posted, the SPP will contain the firmware and drivers specified in this document. The specified drivers are also included in the VMware base image or HPE Custom image, available from VMware.com or available on HPE's vibsdepot ([5.5/6.0](http://www.hpe.com/servers/spp/documentation)) for this release. The specified system management software is included in the HPE Custom Image, available from hp.com or available on HPE's vibsdepot ([5.5/6.0](http://www.hpe.com/servers/spp/documentation)) for this release.

It is recommended that users revisit the download site for this document to check for updates periodically.

Review the SPP Contents Report on [www.hpe.com/servers/spp/documentation](http://www.hpe.com/servers/spp/documentation) to see which firmware and driver components are included in the SPP.

VMware vSphere 6.0 Update 2 and VMware vSphere 5.5 Update 3 are the VMware Releases that have been tested against this entire SPP.

For the list of HPE Custom ISO's that are supported with (SPP) 2016.10.0 please see table below.

| OS Version           | HPE Custom Image  | HPE Custom Image Identifier     | Driver Updates  | Software Updates   |
|----------------------|---|---------------------------------|---|--|
| vSphere 6.0 Update 2 | HP Custom Image for VMware vSphere 6.0 Update 2 (24 October 2016)   | hpe-build-600.9.6.0.49-2494585  | No driver updates required. Image contains driver versions specified in this Recipe   | No software updates required. Image contains software versions specified in this Recipe  |
| vSphere 6.0 Update 1 | HP Custom Image for VMware vSphere 6.0 Update 1 (08 January 2016)   | hpe-build-600.9.4.5.11-2494585  | <p><b>Driver Updates are required</b></p> <p>Image does not contain driver versions specified in this Recipe</p> <p>Required drivers are available from:</p> <p>VUM online updates at: <a href="http://vibsdepot.hpe.com/hpe/oct2016/index-driv.xml">http://vibsdepot.hpe.com/hpe/oct2016/index-driv.xml</a></p> <p>Offline bundles updated at: <a href="http://vibsdepot.hpe.com/hpe/oct2016/esxi-600-devicedrivers">http://vibsdepot.hpe.com/hpe/oct2016/esxi-600-devicedrivers</a></p> <p>(SPP) 2016.10.0 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/oct2016/index.xml">http://vibsdepot.hpe.com/hpe/oct2016/index.xml</a></p> | <p><b>Software updates are required</b></p> <p>Image does not contain software versions specified in this Recipe</p> <p>Required software is available from:</p> <p>VUM online updates at: <a href="http://vibsdepot.hpe.com/hpe/oct2016/index.xml">http://vibsdepot.hpe.com/hpe/oct2016/index.xml</a></p> <p>Offline bundle updates at: <a href="http://vibsdepot.hpe.com/hpe/oct2016/esxi-600-bundles">http://vibsdepot.hpe.com/hpe/oct2016/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/oct2016/index.xml">http://vibsdepot.hpe.com/hpe/oct2016/index.xml</a></p> |
| vSphere 5.5 Update 3 | HP Custom Image for VMware vSphere 5.5 Update 3 (24 October 2016)   | hp-build 550.9.6.0.45 - 1198610 | No driver updates required. Image contains driver versions specified in this Recipe   | No software updates required. Image contains software versions specified in this Recipe  |
| vSphere 5.5 Update 2 | HP Custom Image for VMware vSphere 5.5 Update 2 (02 September 2015) | hp-build 550.9.2.40.2 -1198610  | <p><b>Driver Updates are required</b></p> <p>Image does not contain driver versions specified in this Recipe</p> <p>Required drivers are available from:</p>  | <p><b>Software updates are required</b></p> <p>Image does not contain software versions specified in this Recipe</p>   |

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  | <p>VUM online updates at:<br/> <a href="http://vibsdepot.hpe.com/hpe/oct2016/index-drv.xml">http://vibsdepot.hpe.com/hpe/oct2016/index-drv.xml</a></p> <p>Offline bundles updated at:<br/> <a href="http://vibsdepot.hpe.com/hpe/oct2016/esxi-550-devicedrivers">http://vibsdepot.hpe.com/hpe/oct2016/esxi-550-devicedrivers</a></p> <p>(SPP) 2016.10.0 at:<br/> <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:<br/> <a href="http://vibsdepot.hpe.com/hpe/oct2016/index.xml">http://vibsdepot.hpe.com/hpe/oct2016/index.xml</a></p> | <p>Required software is available from:</p> <p>VUM online updates at:<br/> <a href="http://vibsdepot.hpe.com/hpe/oct2016/index.xml">http://vibsdepot.hpe.com/hpe/oct2016/index.xml</a></p> <p>Offline bundle updates at:<br/> <a href="http://vibsdepot.hpe.com/hpe/oct2016/esxi-550-bundles">http://vibsdepot.hpe.com/hpe/oct2016/esxi-550-bundles</a></p> <p><b>Note:</b> Both required driver and software updates are available from VUM online updates at:<br/> <a href="http://vibsdepot.hpe.com/hpe/oct2016/index.xml">http://vibsdepot.hpe.com/hpe/oct2016/index.xml</a></p> |
|--|--|--|--|--|

Please note that this recipe lists some servers and HW that support one or more of the VMware ESXi and vSphere OS releases covered by this recipe. For a complete reference on which ProLiant Server models support which version of VMware OS, you can access the HPE Server Support Matrix for ProLiant 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 recipe will be published when a new HP Service Pack for ProLiant (SPP) is published, when a new HP Maintenance Supplement Bundle (MSB) is published, when VMware publishes a new OS Release (e.g. 5.5) or when VMware publishes a new update release (e.g. 5.5 U1).

**HOT FIXES:** The current recipe will be updated if HPE releases a hot-fix for a critical driver or FW fix.

# HPE BladeSystem ProLiant Server Blades

## c-Class Enclosure firmware versions

| Product               | Component Version Supported | Firmware Version Supported |
|-----------------------|-----------------------------|----------------------------|
| Onboard Administrator | 4.60 <sup>1</sup>           | 4.60 <sup>1</sup>          |
| Virtual Connect       | 4.50 <sup>1</sup>           | 4.50 <sup>1</sup>          |

## System ROM and iLO versions for BL-Series

| Product   | ROM - Version                 | iLO - Version Supported  |
|---|-------------------------------|--------------------------|
| <a href="#">BL2x220c G6</a>                     | I26 – 2015.08.16 <sup>1</sup> | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">BL280c G6</a>                       | I22 – 2015.08.16 <sup>1</sup> | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">BL420c Gen8</a> <sup>2</sup>        | I30 – 2014.11.03 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">BL460c</a>                          | I15 – 2011.05.02              | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">BL460c G6</a>                       | I24 – 2015.08.16 <sup>1</sup> | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">BL460c G7</a>                       | I27 – 2015.08.16 <sup>1</sup> | iLO3 – 1.87 <sup>1</sup> |
| <a href="#">BL460c Gen8</a> <sup>7</sup>        | I31 – 2015.06.01 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">BL460c Gen9</a>                     | I36 – 2.30_09-12-2016         | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">BL465c G6</a>                       | A13 – 2011.05.02              | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">BL465c G7</a> <sup>6</sup>          | A19 – 2014.02.02 <sup>1</sup> | iLO3 – 1.87 <sup>1</sup> |
| <a href="#">BL465c Gen8</a> <sup>(5)(10)</sup>  | A26 – 2016.03.07 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">BL480c</a>                          | I14 – 2011.05.02              | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">BL490c G6</a>                       | I21 – 2015.08.16 <sup>1</sup> | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">BL490c G7</a>                       | I28 – 2015.08.16 <sup>1</sup> | iLO3 – 1.87 <sup>1</sup> |
| <a href="#">BL495c G6</a>                       | A14 – 2011.05.02              | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">BL620c G7</a>                       | I25 – 2015.08.16 <sup>1</sup> | iLO3 – 1.87 <sup>1</sup> |
| <a href="#">BL660c Gen8</a>                     | I32 – 2015.12.01 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">BL660c Gen9</a>                     | I38 – 2.30_09-12-2016         | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">BL680c G7</a>                       | I25 – 2015.08.16 <sup>1</sup> | iLO3 – 1.87 <sup>1</sup> |
| <a href="#">BL685c G6</a>                       | A17 – 2011.05.02 <sup>1</sup> | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">BL685c G7</a> <sup>(5)(6)(10)</sup> | A20 – 2016.03.07 <sup>1</sup> | iLO3 – 1.87 <sup>1</sup> |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

## HPE ProLiant DL Rack Mount Servers

### System ROM and iLO versions for HPE ProLiant DL rack mount servers

| Product                                   | ROM - Version                      | iLO - Version Supported  |
|---|------------------------------------|--------------------------|
| <a href="#">DL20 Gen9</a>                 | U22 – 1.80_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL60 Gen9</a>                 | U15 – 2.30_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL80 Gen9</a>                 | U15 – 2.30_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL120 Gen9</a>                | P86 – 2.30_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL160 Gen8</a>                | J03 – 2014.08.02 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL160 Gen9</a>                | U20 – 2.30_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL180 Gen9</a>                | U20 – 2.30_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL320 G6</a>                  | W07 – 2015.08.16 <sup>1</sup>      | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">DL320e Gen8<sup>4</sup></a>   | J05 – 2013.11.09 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL320e Gen8 v2</a>            | P80 – 2015.04.02 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL360 G6</a>                  | P64 – 2015.08.16 <sup>1</sup>      | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">DL360 G7</a>                  | P68 – 2015.08.16 <sup>1</sup>      | iLO3 – 1.88 <sup>1</sup> |
| <a href="#">DL360e Gen8</a>               | P73 – 2014.08.02 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL360p Gen8<sup>7</sup></a>   | P71 – 2015.07.01 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL360p Gen8 SE</a>            | P71 – 2015.07.01 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL360 Gen9</a>                | P89 – 2.30_09-13-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL370 G6</a>                  | P63 – 2015.08.16 <sup>1</sup>      | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">DL380 G6</a>                  | P62 – 2015.08.16 <sup>1</sup>      | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">DL380 G7</a>                  | P67 – 2015.08.16 <sup>1</sup>      | iLO3 – 1.88 <sup>1</sup> |
| <a href="#">DL380e Gen8</a>               | P73 – 2014.08.02 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL380p Gen8<sup>7</sup></a>   | P70 – 2015.07.01 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL380 Gen9</a>                | P89 – 2.30_09-13-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL385 G6</a>                  | A22 – 2011.05.02                   | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">DL385 G7<sup>6</sup></a>      | A18 – 2014.02.02 <sup>1</sup>      | iLO3 – 1.88 <sup>1</sup> |
| <a href="#">DL385p Gen8<sup>5</sup></a>   | A28 – 2016.03.07 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL560 Gen8</a>                | P77 – 2014.08.03 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL560 Gen9</a>                | P85 – 2.30_09-12-2016              | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL580 G7</a>                  | P65 – 2015.08.16 <sup>1</sup>      | iLO3 – 1.88 <sup>1</sup> |
| <a href="#">DL580 Gen8</a>                | P79 – 1.96_08-18-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL580 Gen9</a>                | U17 – 2.30_09-12-2016              | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">DL585 G6</a>                  | A07 – 2011.05.02                   | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">DL585 G7<sup>(5)(6)</sup></a> | A16 – 2016.03.07 <sup>1</sup>      | iLO3 – 1.88 <sup>1</sup> |
| <a href="#">DL785 G6</a>                  | A15 – 2011.05.02 <sup>1</sup>      | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">DL980 G7</a>                  | P66 – 2015.08.16 <sup>1</sup>      | iLO3 – 1.88 <sup>1</sup> |

## HPE ProLiant ML Servers

### System ROM and iLO versions for HPE ProLiant ML servers

| Product                    | ROM - Version                      | iLO - Version Supported  |
|----------------------------|------------------------------------|--------------------------|
| <a href="#">ML10 V2</a>    | J10 – 2015.02.02 <sup>2</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">ML110 Gen9</a> | P99 – 2.30_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">ML150 Gen9</a> | P95 – 2.30_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

|  |                                    |                          |
|--|------------------------------------|--------------------------|
| <a href="#">ML310e Gen8<sup>4</sup></a>    | J04 – 2013.11.09 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">ML310e Gen8 v2</a>             | P78 – 2014.03.28 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">ML330 G6</a>                   | W07 – 2015.08.16 <sup>1</sup>      | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">ML350 G6</a>                   | D22 – 2013.07.02                   | iLO2 – 2.29 <sup>1</sup> |
| <a href="#">ML350e Gen8</a>                | J02 – 2014.08.02 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">ML350e Gen8 v2<sup>2</sup></a> | J02 – 2014.08.02 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">ML350p Gen8<sup>7</sup></a>    | P72 – 2015.07.01 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">ML350 Gen9</a>                 | P92 – 2.30_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">ML370 G6</a>                   | P63 – 2015.08.16 <sup>1</sup>      | iLO2 – 2.29 <sup>1</sup> |

## HPE ProLiant MicroServers

### System ROM and iLO versions for HPE ProLiant MicroServers

| Product                                      | ROM - Version                 | iLO – Version Supported  |
|--|-------------------------------|--------------------------|
| <a href="#">MicroServer Gen8<sup>3</sup></a> | J06 – 2015.11.02 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016. 10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

## HPE ProLiant SL Servers

### System ROM and iLO versions for HPE ProLiant ML servers

| Product                                 | ROM - Version                 | iLO – Version Supported  |
|---|-------------------------------|--------------------------|
| <a href="#">SL230s Gen8<sup>7</sup></a> | P75 – 2015.07.01 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">SL250s Gen8<sup>7</sup></a> | P75 – 2015.07.01 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">SL270s Gen8<sup>7</sup></a> | P75 – 2015.07.01 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">SL390s G7</a>               | P69 – 2015.08.16 <sup>1</sup> | iLO3 – 1.88 <sup>1</sup> |
| <a href="#">SL4545 G7</a>               | A31 – 2013.11.02 <sup>1</sup> | iLO3 – 1.88 <sup>1</sup> |
| <a href="#">SL4540 Gen8<sup>2</sup></a> | P74 – 2014.11.01 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">SL210t Gen8<sup>7</sup></a> | P83 – 2016.01.18 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |

## HPE ProLiant XL Servers

### System ROM and iLO versions for HPE ProLiant XL servers

| Product                        | ROM - Version                      | iLO – Version Supported  |
|--------------------------------|------------------------------------|--------------------------|
| <a href="#">XL170r Gen9</a>    | U14 – 2.30_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">XL190r Gen9</a>    | U14 – 2.30_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">XL220a Gen8 v2</a> | P94 – 2015.01.26 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">XL230a Gen9</a>    | U13 – 2.30_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">XL250a Gen9</a>    | U13 – 2.30_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">XL420 Gen9</a>     | U19 – 2.30_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">XL450 Gen9</a>     | U21 – 2.30_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016. 10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).



# HPE ProLiant WS Servers

## System ROM and iLO versions for HPE ProLiant WS servers

| Product                     | ROM - Version                      | iLO – Version Supported  |
|-----------------------------|------------------------------------|--------------------------|
| <a href="#">WS460c Gen8</a> | I31 – 2015.06.01 <sup>1</sup>      | iLO4 – 2.50 <sup>1</sup> |
| <a href="#">WS460c Gen9</a> | I36 – 2.30_09-12-2016 <sup>1</sup> | iLO4 – 2.50 <sup>1</sup> |

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<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hpe.com/servers/spp/download](http://www.hpe.com/servers/spp/download).

<sup>2</sup> Includes support for the Intel Xeon E5-2400 v2 processors

<sup>3</sup> Includes support for the Intel Xeon E3-1220L v2 processors. Pentium and Celeron are not supported.

<sup>4</sup> Xeon E3 and Core i3 processors are supported. Pentium is not supported

<sup>5</sup> Includes support for AMD Opteron™ 6300 Series processors

<sup>6</sup> Includes support for AMD Opteron™ 6200 Series

<sup>7</sup> Includes support for Intel Xeon processor E5-2600v2

For detailed information on supported processors for each of these servers, please refer to the [VMware Compatibility Guide](#)

# HPE SmartArray controllers

## Driver and firmware versions for HPE SmartArray controllers

| Product                         | Driver Type | ESXi Version | Current Driver Recommended            | Current FW Recommended |
|---------------------------------|-------------|--------------|---------------------------------------|------------------------|
| HP Smart Array P220i Controller | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 8.00 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| HP Smart Array P222 Controller  | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 8.00 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| HP Smart Array P420i Controller | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 8.00 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| HP Smart Array P420 Controller  | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 8.00 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| HP Smart Array P421 Controller  | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 8.00 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| HP Smart Array P721m Controller | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 8.00 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| HP Smart Array P822             | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 8.00 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| Smart Array P212                | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 6.64 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| Smart Array P410                | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 6.64 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| Smart Array P410i               | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 6.64 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| Smart Array P411                | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 6.64 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| Smart Array P711m               | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 6.64 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| Smart Array P712m               | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 6.64 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| Smart Array P812                | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 6.64 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| Smart Array P700m               | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 7.24 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| Smart Array P430i               | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 4.04 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| Smart Array P430                | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 4.04 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| Smart Array P431                | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 4.04 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| Smart Array P731m               | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 4.04 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| P230i                           | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 4.04 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| P731m                           | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 4.04 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| P830                            | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 4.04 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| P830i                           | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 4.04 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |
| P244br                          | hpsa        | ESXi 5.5     | <a href="#">5.5.0.120<sup>8</sup></a> | 4.52 <sup>1</sup>      |
|                                 |             | ESXi 6.0     | <a href="#">6.0.0.120<sup>8</sup></a> |                        |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

|        |      |          |  |                   |
|--------|------|----------|--|-------------------|
| P440ar | hpsa | ESXi 5.5 | <a href="#">5.5.0.120</a> <sup>8</sup> | 4.52 <sup>1</sup> |
|        |      | ESXi 6.0 | <a href="#">6.0.0.120</a> <sup>8</sup> |                   |
| P440   | hpsa | ESXi 5.5 | <a href="#">5.5.0.120</a> <sup>8</sup> | 4.52 <sup>1</sup> |
|        |      | ESXi 6.0 | <a href="#">6.0.0.120</a> <sup>8</sup> |                   |
| P441   | hpsa | ESXi 5.5 | <a href="#">5.5.0.120</a> <sup>8</sup> | 4.52 <sup>1</sup> |
|        |      | ESXi 6.0 | <a href="#">6.0.0.120</a> <sup>8</sup> |                   |
| P840   | hpsa | ESXi 5.5 | <a href="#">5.5.0.120</a> <sup>8</sup> | 4.52 <sup>1</sup> |
|        |      | ESXi 6.0 | <a href="#">6.0.0.120</a> <sup>8</sup> |                   |
| H240ar | hpsa | ESXi 5.5 | <a href="#">5.5.0.120</a> <sup>8</sup> | 4.52 <sup>1</sup> |
|        |      | ESXi 6.0 | <a href="#">6.0.0.120</a> <sup>8</sup> |                   |
| H240   | hpsa | ESXi 5.5 | <a href="#">5.5.0.120</a> <sup>8</sup> | 4.52 <sup>1</sup> |
|        |      | ESXi 6.0 | <a href="#">6.0.0.120</a> <sup>8</sup> |                   |
| H241   | hpsa | ESXi 5.5 | <a href="#">5.5.0.120</a> <sup>8</sup> | 4.52 <sup>1</sup> |
|        |      | ESXi 6.0 | <a href="#">6.0.0.120</a> <sup>8</sup> |                   |
| H244br | hpsa | ESXi 5.5 | <a href="#">5.5.0.120</a> <sup>8</sup> | 4.52 <sup>1</sup> |
|        |      | ESXi 6.0 | <a href="#">6.0.0.120</a> <sup>8</sup> |                   |
| P246br | hpsa | ESXi 5.5 | <a href="#">5.5.0.120</a> <sup>8</sup> | 4.52 <sup>1</sup> |
|        |      | ESXi 6.0 | <a href="#">6.0.0.120</a> <sup>8</sup> |                   |
| P741m  | hpsa | ESXi 5.5 | <a href="#">5.5.0.120</a> <sup>8</sup> | 4.52 <sup>1</sup> |
|        |      | ESXi 6.0 | <a href="#">6.0.0.120</a> <sup>8</sup> |                   |
| P841   | hpsa | ESXi 5.5 | <a href="#">5.5.0.120</a> <sup>8</sup> | 4.52 <sup>1</sup> |
|        |      | ESXi 6.0 | <a href="#">6.0.0.120</a> <sup>8</sup> |                   |
| P840ar | hpsa | ESXi 5.5 | <a href="#">5.5.0.120</a> <sup>8</sup> | 4.52 <sup>1</sup> |
|        |      | ESXi 6.0 | <a href="#">6.0.0.120</a> <sup>8</sup> |                   |
| H240nr | hpsa | ESXi 5.5 | <a href="#">5.5.0.120</a> <sup>8</sup> | 4.52 <sup>1</sup> |
|        |      | ESXi 6.0 | <a href="#">6.0.0.120</a> <sup>8</sup> |                   |
| P240nr | hpsa | ESXi 5.5 | <a href="#">5.5.0.120</a> <sup>8</sup> | 4.52 <sup>1</sup> |
|        |      | ESXi 6.0 | <a href="#">6.0.0.120</a> <sup>8</sup> |                   |
| P542D  | hpsa | ESXi 5.5 | <a href="#">5.5.0.120</a> <sup>8</sup> | 4.52 <sup>1</sup> |
|        |      | ESXi 6.0 | <a href="#">6.0.0.120</a> <sup>8</sup> |                   |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

## Driver and firmware versions for HPE Dynamic SmartArray controllers

| Product                                 | Driver Type | ESXi Version | Current Driver Recommended             | Current FW Recommended   |
|---|-------------|--------------|--|--------------------------|
| HP Dynamic Smart Array B120i Controller | hpvsa       | ESXi 5.5/6.0 | <a href="#">5.5.0-100</a> <sup>8</sup> | N/A                      |
| HP Dynamic Smart Array B320i Controller | hpvsa       | ESXi 5.5/6.0 | <a href="#">5.5.0-100</a> <sup>8</sup> | 15.10.09.00 <sup>1</sup> |
| HP Dynamic Smart Array B140i Controller | hpdsa       | ESXi 5.5/6.0 | <a href="#">5.5.0.52</a> <sup>8</sup>  | N/A                      |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

# HPE Broadcom based networking

## Driver and firmware versions for HPE Broadcom based NIC devices

| Product | Driver Type | ESXi Version | Current Driver Recommended               | Current FW Recommended |
|---------|-------------|--------------|--|------------------------|
| 330i    | tg3         | ESXi 5.5     | <a href="#">3.137L.v55.1<sup>8</sup></a> | 1.65 <sup>1</sup>      |
|         |             | ESXi 6.0     | <a href="#">3.137L.v60.1<sup>8</sup></a> |                        |
| 331i    | tg3         | ESXi 5.5     | <a href="#">3.137L.v55.1<sup>8</sup></a> | 1.46 <sup>1</sup>      |
|         |             | ESXi 6.0     | <a href="#">3.137L.v60.1<sup>8</sup></a> |                        |
| 331FLR  | tg3         | ESXi 5.5     | <a href="#">3.137L.v55.1<sup>8</sup></a> | 1.46 <sup>1</sup>      |
|         |             | ESXi 6.0     | <a href="#">3.137L.v60.1<sup>8</sup></a> |                        |
| 331T    | tg3         | ESXi 5.5     | <a href="#">3.137L.v55.1<sup>8</sup></a> | 1.46 <sup>1</sup>      |
|         |             | ESXi 6.0     | <a href="#">3.137L.v60.1<sup>8</sup></a> |                        |
| 332T    | tg3         | ESXi 5.5     | <a href="#">3.137L.v55.1<sup>8</sup></a> | 1.39 <sup>1</sup>      |
|         |             | ESXi 6.0     | <a href="#">3.137L.v60.1<sup>8</sup></a> |                        |
| 332i    | tg3         | ESXi 5.5     | <a href="#">3.137L.v55.1<sup>8</sup></a> | 1.39 <sup>1</sup>      |
|         |             | ESXi 6.0     | <a href="#">3.137L.v60.1<sup>8</sup></a> |                        |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

# HPE Brocade based networking

## Driver and firmware versions for HPE Brocade based Fibre Channel devices

| Product | Driver Type | ESXi Version | Current Driver Recommended           | Current FW Recommended |
|---------|-------------|--------------|--------------------------------------|------------------------|
| 81B     | bfa         | ESXi 5.5/6.0 | <a href="#">3.2.6.0</a> <sup>8</sup> | 3.2.5.0 <sup>1</sup>   |
| 82B     | bfa         | ESXi 5.5/6.0 | <a href="#">3.2.6.0</a> <sup>8</sup> | 3.2.5.0 <sup>1</sup>   |
| 804     | bfa         | ESXi 5.5/6.0 | <a href="#">3.2.6.0</a> <sup>8</sup> | 3.2.5.0 <sup>1</sup>   |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

# HPE Emulex based networking

## Driver and firmware versions for HPE Emulex based NIC devices

| Product              | Driver Type | ESXi Version | Current Driver Recommended             | Current FW Recommended   |
|----------------------|-------------|--------------|--|--------------------------|
| CN1100E              | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| NC551i <sup>10</sup> | elxnet      | ESXi 5.5     | <a href="#">10.7.110.13</a>            | 4.9.416.15 <sup>1</sup>  |
|                      |             | ESXi 6.0     | <a href="#">10.7.110.13</a>            |                          |
| NC552m               | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| 552M                 | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| NC552SFP             | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| NC553i               | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| NC553m               | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| 554FLB               | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| 554FLR-SFP+          | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| 554M                 | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| 556FLR-SFP+          | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| 556FLR-T             | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| 556FLB               | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| 557SFP+              | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| 650FLB               | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| 650M                 | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| CN1200E              | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| CN1200E-T            | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| Synergy 3520C        | elxnet      | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |

## Driver and firmware versions for HPE Emulex based iSCSI devices

| Product              | Driver Type | ESXi Version | Current Driver Recommended             | Current FW Recommended   |
|----------------------|-------------|--------------|--|--------------------------|
| CN1100E              | be2iscsi    | ESXi 5.5     | <a href="#">11.1.145.0<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.0<sup>8</sup></a> |                          |
| NC551i <sup>10</sup> | be2iscsi    | ESXi 5.5     | <a href="#">10.7.110.10</a>            | 4.9.416.15 <sup>1</sup>  |
|                      |             | ESXi 6.0     | <a href="#">10.7.110.10</a>            |                          |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>10</sup> This device is not supported with the current ESXi HPE custom images. Customers will need to use the April 2016 Recipe and deliverables on [vibsdepot.hpe.com](http://vibsdepot.hpe.com) to create their own custom image. To create a custom image please see the Getting Started section on [vibsdepot.hpe.com](http://vibsdepot.hpe.com).

|               |          |          |  |                          |
|---------------|----------|----------|--|--------------------------|
| NC553i        | be2iscsi | ESXi 5.5 | <a href="#">11.1.145.8<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |          | ESXi 6.0 | <a href="#">11.1.145.8<sup>8</sup></a> |                          |
| NC553m        | be2iscsi | ESXi 5.5 | <a href="#">11.1.145.8<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |          | ESXi 6.0 | <a href="#">11.1.145.8<sup>8</sup></a> |                          |
| 554FLB        | be2iscsi | ESXi 5.5 | <a href="#">11.1.145.8<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |          | ESXi 6.0 | <a href="#">11.1.145.8<sup>8</sup></a> |                          |
| 554FLR-SFP+   | be2iscsi | ESXi 5.5 | <a href="#">11.1.145.8<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |          | ESXi 6.0 | <a href="#">11.1.145.8<sup>8</sup></a> |                          |
| 554M          | be2iscsi | ESXi 5.5 | <a href="#">11.1.145.8<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |          | ESXi 6.0 | <a href="#">11.1.145.8<sup>8</sup></a> |                          |
| 556FLR-SFP+   | be2iscsi | ESXi 5.5 | <a href="#">11.1.145.8<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |          | ESXi 6.0 | <a href="#">11.1.145.8<sup>8</sup></a> |                          |
| 556FLR-T      | be2iscsi | ESXi 5.5 | <a href="#">11.1.145.8<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |          | ESXi 6.0 | <a href="#">11.1.145.8<sup>8</sup></a> |                          |
| 556FLB        | be2iscsi | ESXi 5.5 | <a href="#">11.1.145.8<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |          | ESXi 6.0 | <a href="#">11.1.145.8<sup>8</sup></a> |                          |
| 650FLB        | be2iscsi | ESXi 5.5 | <a href="#">11.1.145.8<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |          | ESXi 6.0 | <a href="#">11.1.145.8<sup>8</sup></a> |                          |
| 650M          | be2iscsi | ESXi 5.5 | <a href="#">11.1.145.8<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |          | ESXi 6.0 | <a href="#">11.1.145.8<sup>8</sup></a> |                          |
| CN1200E       | be2iscsi | ESXi 5.5 | <a href="#">11.1.145.8<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |          | ESXi 6.0 | <a href="#">11.1.145.8<sup>8</sup></a> |                          |
| CN1200E-T     | be2iscsi | ESXi 5.5 | <a href="#">11.1.145.8<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |          | ESXi 6.0 | <a href="#">11.1.145.8<sup>8</sup></a> |                          |
| Synergy 3520C | be2iscsi | ESXi 5.5 | <a href="#">11.1.145.8<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |          | ESXi 6.0 | <a href="#">11.1.145.8<sup>8</sup></a> |                          |

#### Driver and firmware versions for HPE Emulex based FC/FCoE devices

| Product              | Driver Type | ESXi Version | Current Driver Recommended              | Current FW Recommended   |
|----------------------|-------------|--------------|---|--------------------------|
| 81E Emulex LPe12000  | lpfc        | ESXi 5.5     | <a href="#">11.1.145.18<sup>8</sup></a> | 2.03x6 <sup>1</sup>      |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| 82E Emulex LPe12002  | lpfc        | ESXi 5.5     | <a href="#">11.1.145.18<sup>8</sup></a> | 2.03x6 <sup>1</sup>      |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| 84E                  | lpfc        | ESXi 5.5     | <a href="#">11.1.145.18<sup>8</sup></a> | 2.03x6 <sup>1</sup>      |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| LPe1205              | lpfc        | ESXi 5.5     | <a href="#">11.1.145.18<sup>8</sup></a> | 2.03X6 <sup>1</sup>      |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| LPe1605              | lpfc        | ESXi 5.5     | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.21 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| SN1000E              | lpfc        | ESXi 5.5     | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.21 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| LPe1205A             | lpfc        | ESXi 5.5     | <a href="#">11.1.145.18<sup>8</sup></a> | 2.03X6 <sup>1</sup>      |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| CN1100E              | lpfc        | ESXi 5.5     | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| NC551i <sup>10</sup> | lpfc        | ESXi 5.5     | <a href="#">10.7.110.4</a>              | 4.9.416.15 <sup>1</sup>  |
|                      |             | ESXi 6.0     | <a href="#">10.7.110.4</a>              |                          |
| NC553i               | lpfc        | ESXi 5.5     | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|                      |             | ESXi 6.0     | <a href="#">11.1.145.18<sup>8</sup></a> |                          |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>10</sup> This device is not supported with the current ESXi HPE custom images. Customers will need to use the April 2016 Recipe and deliverables on [vibsdepot.hpe.com](http://vibsdepot.hpe.com) to create their own custom image. To create a custom image please see the Getting Started section on [vibsdepot.hpe.com](http://vibsdepot.hpe.com).



|               |      |          |   |                          |
|---------------|------|----------|---|--------------------------|
| NC553m        | lpfc | ESXi 5.5 | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |      | ESXi 6.0 | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| 554FLB        | lpfc | ESXi 5.5 | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |      | ESXi 6.0 | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| 554M          | lpfc | ESXi 5.5 | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |      | ESXi 6.0 | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| 554FLR-SFP+   | lpfc | ESXi 5.5 | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |      | ESXi 6.0 | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| SN1100E       | lpfc | ESXi 5.5 | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.21 <sup>1</sup> |
|               |      | ESXi 6.0 | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| 556FLR-SFP+   | lpfc | ESXi 5.5 | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |      | ESXi 6.0 | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| 556FLR-T      | lpfc | ESXi 5.5 | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |      | ESXi 6.0 | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| 556FLB        | lpfc | ESXi 5.5 | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |      | ESXi 6.0 | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| 650FLB        | lpfc | ESXi 5.5 | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |      | ESXi 6.0 | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| 650M          | lpfc | ESXi 5.5 | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |      | ESXi 6.0 | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| CN1200E       | lpfc | ESXi 5.5 | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |      | ESXi 6.0 | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| CN1200E-T     | lpfc | ESXi 5.5 | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |      | ESXi 6.0 | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| Synergy 3520C | lpfc | ESXi 5.5 | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.23 <sup>1</sup> |
|               |      | ESXi 6.0 | <a href="#">11.1.145.18<sup>8</sup></a> |                          |
| Synergy 3530C | lpfc | ESXi 5.5 | <a href="#">11.1.145.18<sup>8</sup></a> | 11.1.183.21 <sup>1</sup> |
|               |      | ESXi 6.0 | <a href="#">11.1.145.18<sup>8</sup></a> |                          |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

# HPE Intel based networking

## Driver and firmware versions for HPE Intel based NIC devices

| Product     | Driver Type | ESXi Version | Current Driver Recommended          | Current FW Recommended |
|-------------|-------------|--------------|-------------------------------------|------------------------|
| NC365T      | igb         | ESXi 5.5/6.0 | <a href="#">5.3.2<sup>8</sup></a>   | 1.1200.0 <sup>1</sup>  |
| 361i        | igb         | ESXi 5.5/6.0 | <a href="#">5.3.2<sup>8</sup></a>   | 1.1200.0 <sup>1</sup>  |
| 361T        | igb         | ESXi 5.5/6.0 | <a href="#">5.3.2<sup>8</sup></a>   | 1.1200.0 <sup>1</sup>  |
| 361FLB      | igb         | ESXi 5.5/6.0 | <a href="#">5.3.2<sup>8</sup></a>   | 1.1200.0 <sup>1</sup>  |
| 366i        | igb         | ESXi 5.5/6.0 | <a href="#">5.3.2<sup>8</sup></a>   | 1.1200.0 <sup>1</sup>  |
| 366M        | igb         | ESXi 5.5/6.0 | <a href="#">5.3.2<sup>8</sup></a>   | 1.1200.0 <sup>1</sup>  |
| 366FLR      | igb         | ESXi 5.5/6.0 | <a href="#">5.3.2<sup>8</sup></a>   | 1.1200.0 <sup>1</sup>  |
| 363i        | igb         | ESXi 5.5/6.0 | <a href="#">5.3.2<sup>8</sup></a>   | 1.1200.0 <sup>1</sup>  |
| 364i        | igb         | ESXi 5.5/6.0 | <a href="#">5.3.2<sup>8</sup></a>   | 1.1200.0 <sup>1</sup>  |
| 367i        | igb         | ESXi 5.5/6.0 | <a href="#">5.3.2<sup>8</sup></a>   | 1.1200.0 <sup>1</sup>  |
| 366T        | igb         | ESXi 5.5/6.0 | <a href="#">5.3.2<sup>8</sup></a>   | 1.1200.0 <sup>1</sup>  |
| 560SFP+     | ixgbe       | ESXi 5.5/6.0 | <a href="#">4.1.1.4<sup>8</sup></a> | 1.1200.0 <sup>1</sup>  |
| 560M        | ixgbe       | ESXi 5.5/6.0 | <a href="#">4.1.1.4<sup>8</sup></a> | 1.1200.0 <sup>1</sup>  |
| 560FLB      | ixgbe       | ESXi 5.5/6.0 | <a href="#">4.1.1.4<sup>8</sup></a> | 1.1200.0 <sup>1</sup>  |
| 560FLR-SFP+ | ixgbe       | ESXi 5.5/6.0 | <a href="#">4.1.1.4<sup>8</sup></a> | 1.1200.0 <sup>1</sup>  |
| 561FLR-T    | ixgbe       | ESXi 5.5/6.0 | <a href="#">4.1.1.4<sup>8</sup></a> | 1.1200.0 <sup>1</sup>  |
| 561T        | ixgbe       | ESXi 5.5/6.0 | <a href="#">4.1.1.4<sup>8</sup></a> | 1.1200.0 <sup>1</sup>  |
| 562i        | ixgbe       | ESXi 5.5/6.0 | <a href="#">4.1.1.4<sup>8</sup></a> | 1.1200.0 <sup>1</sup>  |
| 562FLR-SFP+ | i40e        | ESXi 5.5/6.0 | <a href="#">1.3.45<sup>8</sup></a>  | 1.1200.0 <sup>1</sup>  |
| 562SFP+     | i40e        | ESXi 5.5/6.0 | <a href="#">1.3.45<sup>8</sup></a>  | 1.1200.0 <sup>1</sup>  |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

# HPE LSI based storage

## Driver and firmware versions for HPE LSI based storage devices

| Product | Driver Type | ESXi Version | Current Driver Recommended                 | Current FW Recommended   |
|---------|-------------|--------------|--|--------------------------|
| H220i   | mpt2sas     | ESXi 5.5/6.0 | <a href="#">15.10.06.00.1</a> <sup>8</sup> | 15.10.09.00 <sup>1</sup> |
| H220    | mpt2sas     | ESXi 5.5/6.0 | <a href="#">15.10.06.00.1</a> <sup>8</sup> | 15.10.09.00 <sup>1</sup> |
| H221    | mpt2sas     | ESXi 5.5/6.0 | <a href="#">15.10.06.00.1</a> <sup>8</sup> | 15.10.09.00 <sup>1</sup> |
| H222    | mpt2sas     | ESXi 5.5/6.0 | <a href="#">15.10.06.00.1</a> <sup>8</sup> | 15.10.09.00 <sup>1</sup> |
| H210i   | mpt2sas     | ESXi 5.5/6.0 | <a href="#">15.10.06.00.1</a> <sup>8</sup> | 15.10.09.00 <sup>1</sup> |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

## HPE Mellanox based networking

### Driver and firmware versions for HPE Mellanox based NIC devices

| Product      | Driver Type | ESXi Version | Current Driver Recommended              | Current FW Recommended  |
|--------------|-------------|--------------|---|-------------------------|
| 544M         | mlx4        | ESXi 5.5     | <a href="#">1.9.9.4<sup>8</sup></a>     | 2.36.5000 <sup>1</sup>  |
|              |             | ESXi 6.0     | <a href="#">3.15.2.0<sup>8</sup></a>    |                         |
| 544+M        | mlx4        | ESXi 5.5     | <a href="#">1.9.9.4<sup>8</sup></a>     | 2.36.5000 <sup>1</sup>  |
|              |             | ESXi 6.0     | <a href="#">3.15.2.0<sup>8</sup></a>    |                         |
| 544QSFP      | mlx4        | ESXi 5.5     | <a href="#">1.9.9.4<sup>8</sup></a>     | 2.36.5000 <sup>1</sup>  |
|              |             | ESXi 6.0     | <a href="#">3.15.2.0<sup>8</sup></a>    |                         |
| 544+QSFP     | mlx4        | ESXi 5.5     | <a href="#">1.9.9.4<sup>8</sup></a>     | 2.36.5000 <sup>1</sup>  |
|              |             | ESXi 6.0     | <a href="#">3.15.2.0<sup>8</sup></a>    |                         |
| 544FLR-QSFP  | mlx4        | ESXi 5.5     | <a href="#">1.9.9.4<sup>8</sup></a>     | 2.36.5000 <sup>1</sup>  |
|              |             | ESXi 6.0     | <a href="#">3.15.2.0<sup>8</sup></a>    |                         |
| 544+FLR-QSFP | mlx4        | ESXi 5.5     | <a href="#">1.9.9.4<sup>8</sup></a>     | 2.36.5000 <sup>1</sup>  |
|              |             | ESXi 6.0     | <a href="#">3.15.2.0<sup>8</sup></a>    |                         |
| 546SFP+      | mlx4        | ESXi 5.5     | <a href="#">1.9.9.4<sup>8</sup></a>     | 2.36.5000 <sup>1</sup>  |
|              |             | ESXi 6.0     | <a href="#">3.15.2.0<sup>8</sup></a>    |                         |
| 546FLR-SFP+  | mlx4        | ESXi 5.5     | <a href="#">1.9.9.4<sup>8</sup></a>     | 2.36.5000 <sup>1</sup>  |
|              |             | ESXi 6.0     | <a href="#">3.15.2.0<sup>8</sup></a>    |                         |
| 640FLR-SFP28 | mlx5        | ESXi 5.5     | <a href="#">4.5.4.1100<sup>8</sup></a>  | 14.14.2204 <sup>1</sup> |
|              |             | ESXi 6.0     | <a href="#">4.15.4.1100<sup>8</sup></a> |                         |
| 640SFP28     | mlx5        | ESXi 5.5     | <a href="#">4.5.4.1100<sup>8</sup></a>  | 14.14.2204 <sup>1</sup> |
|              |             | ESXi 6.0     | <a href="#">4.15.4.1100<sup>8</sup></a> |                         |
| 840QSFP28    | mlx5        | ESXi 5.5     | <a href="#">4.5.4.1100<sup>8</sup></a>  | 12.16.1038 <sup>1</sup> |
|              |             | ESXi 6.0     | <a href="#">4.15.4.1100<sup>8</sup></a> |                         |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

# HPE QLogic based networking

## Driver and firmware versions for HPE QLogic based NIC devices

| Product     | Driver Type | ESXi Version | Current Driver Recommended                 | Current FW Recommended |
|-------------|-------------|--------------|--|------------------------|
| CN1000Q     | qlcnlc      | ESXi 5.5     | <a href="#">5.5.190<sup>8</sup></a>        | 4.20.1 <sup>1</sup>    |
|             |             | ESXi 6.0     | <a href="#">6.1.191<sup>8</sup></a>        |                        |
| NC523SFP    | qlcnlc      | ESXi 5.5     | <a href="#">5.5.190<sup>8</sup></a>        | 4.20.1 <sup>1</sup>    |
|             |             | ESXi 6.0     | <a href="#">6.1.191<sup>8</sup></a>        |                        |
| 526FLR-SFP+ | qlcnlc      | ESXi 5.5     | <a href="#">5.5.190<sup>8</sup></a>        | 4.20.1 <sup>1</sup>    |
|             |             | ESXi 6.0     | <a href="#">6.1.191<sup>8</sup></a>        |                        |
| NC375i      | nx-nic      | ESXi 5.5     | <a href="#">5.5.643<sup>8</sup></a>        | 4.0.595 <sup>9</sup>   |
|             |             | ESXi 6.0     | <a href="#">6.0.643<sup>8</sup></a>        |                        |
| NC382i      | bnx2        | ESXi 5.5     | <a href="#">2.2.6a.v55.4<sup>8</sup></a>   | 5.2.3 <sup>1</sup>     |
|             |             | ESXi 6.0     | <a href="#">2.2.6a.v60.4<sup>8</sup></a>   |                        |
| NC532m      | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 6.2.28 <sup>1</sup>    |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |
| NC532i      | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 6.2.28 <sup>1</sup>    |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |
| 530FLB      | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 7.13.75 <sup>1</sup>   |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |
| 530FLR-SFP+ | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 7.13.75 <sup>1</sup>   |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |
| 530M        | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 7.13.75 <sup>1</sup>   |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |
| 530SFP+     | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 7.13.75 <sup>1</sup>   |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |
| 530T        | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 7.13.75 <sup>1</sup>   |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |
| 533FLR-T    | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 7.13.75 <sup>1</sup>   |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |
| 534FLB      | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 7.13.75 <sup>1</sup>   |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |
| 534FLR-SFP+ | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 7.13.75 <sup>1</sup>   |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |
| 534M        | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 7.13.75 <sup>1</sup>   |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |
| CN1100R     | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 7.13.75 <sup>1</sup>   |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |
| CN1100R-T   | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 7.13.75 <sup>1</sup>   |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |
| 536FLB      | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 7.13.75 <sup>1</sup>   |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |
| 536FLR-T    | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 7.13.75 <sup>1</sup>   |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |
| 630FLB      | bnx2x       | ESXi 5.5     | <a href="#">2.713.10.v55.4<sup>8</sup></a> | 7.13.75 <sup>1</sup>   |
|             |             | ESXi 6.0     | <a href="#">2.713.10.v60.4<sup>8</sup></a> |                        |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>9</sup> This version of firmware is loaded by the driver.

|               |         |          |   |                       |
|---------------|---------|----------|---|-----------------------|
| 630M          | bnx2x   | ESXi 5.5 | <a href="#">2.713.10.v55.4</a> <sup>8</sup> | 7.13.75 <sup>1</sup>  |
|               |         | ESXi 6.0 | <a href="#">2.713.10.v60.4</a> <sup>8</sup> |                       |
| Synergy 2820C | bnx2x   | ESXi 5.5 | <a href="#">2.713.10.v55.4</a> <sup>8</sup> | 7.13.75 <sup>1</sup>  |
|               |         | ESXi 6.0 | <a href="#">2.713.10.v60.4</a> <sup>8</sup> |                       |
| Synergy 3820C | bnx2x   | ESXi 5.5 | <a href="#">2.713.10.v55.4</a> <sup>8</sup> | 7.13.75 <sup>1</sup>  |
|               |         | ESXi 6.0 | <a href="#">2.713.10.v60.4</a> <sup>8</sup> |                       |
| 620QSFP28     | qedentv | ESXi 6.0 | <a href="#">2.0.3.40</a> <sup>8</sup>       | 8.11.1.0 <sup>1</sup> |

#### Driver and firmware versions for HPE QLogic based iSCSI devices

| Product       | Driver Type | ESXi Version | Current Driver Recommended                  | Current FW Recommended |
|---------------|-------------|--------------|---|------------------------|
| CN1000Q       | qla4xxx     | ESXi 5.5     | <a href="#">644.55.37.0-1</a> <sup>8</sup>  | 4.20.1 <sup>1</sup>    |
|               |             | ESXi 6.0     | <a href="#">644.6.05.0-1</a> <sup>8</sup>   |                        |
| 526FLR-SFP+   | qla4xxx     | ESXi 5.5     | <a href="#">644.55.37.0-1</a> <sup>8</sup>  | 4.20.1 <sup>1</sup>    |
|               |             | ESXi 6.0     | <a href="#">644.6.05.0-1</a> <sup>8</sup>   |                        |
| 533FLR-T      | bnx2i       | ESXi 5.5     | <a href="#">2.713.10.v55.3</a> <sup>8</sup> | 7.13.75 <sup>1</sup>   |
|               |             | ESXi 6.0     | <a href="#">2.713.10.v60.3</a> <sup>8</sup> |                        |
| 534FLB        | bnx2i       | ESXi 5.5     | <a href="#">2.713.10.v55.3</a> <sup>8</sup> | 7.13.75 <sup>1</sup>   |
|               |             | ESXi 6.0     | <a href="#">2.713.10.v60.3</a> <sup>8</sup> |                        |
| 534FLR-SFP+   | bnx2i       | ESXi 5.5     | <a href="#">2.713.10.v55.3</a> <sup>8</sup> | 7.13.75 <sup>1</sup>   |
|               |             | ESXi 6.0     | <a href="#">2.713.10.v60.3</a> <sup>8</sup> |                        |
| 534M          | bnx2i       | ESXi 5.5     | <a href="#">2.713.10.v55.3</a> <sup>8</sup> | 7.13.75 <sup>1</sup>   |
|               |             | ESXi 6.0     | <a href="#">2.713.10.v60.3</a> <sup>8</sup> |                        |
| CN1100R       | bnx2i       | ESXi 5.5     | <a href="#">2.713.10.v55.3</a> <sup>8</sup> | 7.13.75 <sup>1</sup>   |
|               |             | ESXi 6.0     | <a href="#">2.713.10.v60.3</a> <sup>8</sup> |                        |
| CN1100R-T     | bnx2i       | ESXi 5.5     | <a href="#">2.713.10.v55.3</a> <sup>8</sup> | 7.13.75 <sup>1</sup>   |
|               |             | ESXi 6.0     | <a href="#">2.713.10.v60.3</a> <sup>8</sup> |                        |
| 536FLB        | bnx2i       | ESXi 5.5     | <a href="#">2.713.10.v55.3</a> <sup>8</sup> | 7.13.75 <sup>1</sup>   |
|               |             | ESXi 6.0     | <a href="#">2.713.10.v60.3</a> <sup>8</sup> |                        |
| 630FLB        | bnx2i       | ESXi 5.5     | <a href="#">2.713.10.v55.3</a> <sup>8</sup> | 7.13.75 <sup>1</sup>   |
|               |             | ESXi 6.0     | <a href="#">2.713.10.v60.3</a> <sup>8</sup> |                        |
| 630M          | bnx2i       | ESXi 5.5     | <a href="#">2.713.10.v55.3</a> <sup>8</sup> | 7.13.75 <sup>1</sup>   |
|               |             | ESXi 6.0     | <a href="#">2.713.10.v60.3</a> <sup>8</sup> |                        |
| 536FLR-T      | bnx2i       | ESXi 5.5     | <a href="#">2.713.10.v55.3</a> <sup>8</sup> | 7.13.75 <sup>1</sup>   |
|               |             | ESXi 6.0     | <a href="#">2.713.10.v60.3</a> <sup>8</sup> |                        |
| Synergy 2820C | bnx2i       | ESXi 5.5     | <a href="#">2.713.10.v55.3</a> <sup>8</sup> | 7.13.75 <sup>1</sup>   |
|               |             | ESXi 6.0     | <a href="#">2.713.10.v60.3</a> <sup>8</sup> |                        |
| Synergy 3820C | bnx2i       | ESXi 5.5     | <a href="#">2.713.10.v55.3</a> <sup>8</sup> | 7.13.75 <sup>1</sup>   |
|               |             | ESXi 6.0     | <a href="#">2.713.10.v60.3</a> <sup>8</sup> |                        |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

**Driver and firmware versions for HPE QLogic based FC/FCoE devices**

| Product       | Driver Type | Current Driver Supported | Current FW Supported                       |
|---------------|-------------|--------------------------|--|
| 81Q           | qlnativefc  | ESXi 5.5                 | <a href="#">1.1.70.0-1<sup>8</sup></a>     |
|               |             | ESXi 6.0                 | <a href="#">2.1.50.0-1<sup>8</sup></a>     |
| 82Q           | qlnativefc  | ESXi 5.5                 | <a href="#">1.1.70.0-1<sup>8</sup></a>     |
|               |             | ESXi 6.0                 | <a href="#">2.1.50.0-1<sup>8</sup></a>     |
| 84Q           | qlnativefc  | ESXi 5.5                 | <a href="#">1.1.70.0-1<sup>8</sup></a>     |
|               |             | ESXi 6.0                 | <a href="#">2.1.50.0-1<sup>8</sup></a>     |
| CN1000Q       | qlnativefc  | ESXi 5.5                 | <a href="#">1.1.70.0-1<sup>8</sup></a>     |
|               |             | ESXi 6.0                 | <a href="#">2.1.50.0-1<sup>8</sup></a>     |
| FC1142SR      | qlnativefc  | ESXi 5.5                 | <a href="#">1.1.70.0-1<sup>8</sup></a>     |
|               |             | ESXi 6.0                 | <a href="#">2.1.50.0-1<sup>8</sup></a>     |
| FC1242SR      | qlnativefc  | ESXi 5.5                 | <a href="#">1.1.70.0-1<sup>8</sup></a>     |
|               |             | ESXi 6.0                 | <a href="#">2.1.50.0-1<sup>8</sup></a>     |
| QMH2462       | qlnativefc  | ESXi 5.5                 | <a href="#">1.1.70.0-1<sup>8</sup></a>     |
|               |             | ESXi 6.0                 | <a href="#">2.1.50.0-1<sup>8</sup></a>     |
| QMH2562       | qlnativefc  | ESXi 5.5                 | <a href="#">1.1.70.0-1<sup>8</sup></a>     |
|               |             | ESXi 6.0                 | <a href="#">2.1.50.0-1<sup>8</sup></a>     |
| QMH2572       | qlnativefc  | ESXi 5.5                 | <a href="#">1.1.70.0-1<sup>8</sup></a>     |
|               |             | ESXi 6.0                 | <a href="#">2.1.50.0-1<sup>8</sup></a>     |
| QMH2672       | qlnativefc  | ESXi 5.5                 | <a href="#">1.1.70.0-1<sup>8</sup></a>     |
|               |             | ESXi 6.0                 | <a href="#">2.1.50.0-1<sup>8</sup></a>     |
| SN1000Q       | qlnativefc  | ESXi 5.5                 | <a href="#">1.1.70.0-1<sup>8</sup></a>     |
|               |             | ESXi 6.0                 | <a href="#">2.1.50.0-1<sup>8</sup></a>     |
| SN1100Q       | qlnativefc  | ESXi 5.5                 | <a href="#">1.1.70.0-1<sup>8</sup></a>     |
|               |             | ESXi 6.0                 | <a href="#">2.1.50.0-1<sup>8</sup></a>     |
| 3830C         | qlnativefc  | ESXi 5.5                 | <a href="#">1.1.70.0-1<sup>8</sup></a>     |
|               |             | ESXi 6.0                 | <a href="#">2.1.50.0-1<sup>8</sup></a>     |
| 526FLR-SFP+   | qlnativefc  | ESXi 5.5                 | <a href="#">1.1.70.0-1<sup>8</sup></a>     |
|               |             | ESXi 6.0                 | <a href="#">2.1.50.0-1<sup>8</sup></a>     |
| 533FLR-T      | bnx2fc      | ESXi 5.5                 | <a href="#">1.713.20.v55.4<sup>8</sup></a> |
|               |             | ESXi 6.0                 | <a href="#">1.713.20.v60.4<sup>8</sup></a> |
| 534FLB        | bnx2fc      | ESXi 5.5                 | <a href="#">1.713.20.v55.4<sup>8</sup></a> |
|               |             | ESXi 6.0                 | <a href="#">1.713.20.v60.4<sup>8</sup></a> |
| 534FLR-SFP+   | bnx2fc      | ESXi 5.5                 | <a href="#">1.713.20.v55.4<sup>8</sup></a> |
|               |             | ESXi 6.0                 | <a href="#">1.713.20.v60.4<sup>8</sup></a> |
| 534M          | bnx2fc      | ESXi 5.5                 | <a href="#">1.713.20.v55.4<sup>8</sup></a> |
|               |             | ESXi 6.0                 | <a href="#">1.713.20.v60.4<sup>8</sup></a> |
| CN1100R       | bnx2fc      | ESXi 5.5                 | <a href="#">1.713.20.v55.4<sup>8</sup></a> |
|               |             | ESXi 6.0                 | <a href="#">1.713.20.v60.4<sup>8</sup></a> |
| CN1100R-T     | bnx2fc      | ESXi 5.5                 | <a href="#">1.713.20.v55.4<sup>8</sup></a> |
|               |             | ESXi 6.0                 | <a href="#">1.713.20.v60.4<sup>8</sup></a> |
| 536FLB        | bnx2fc      | ESXi 5.5                 | <a href="#">1.713.20.v55.4<sup>8</sup></a> |
|               |             | ESXi 6.0                 | <a href="#">1.713.20.v60.4<sup>8</sup></a> |
| 630FLB        | bnx2fc      | ESXi 5.5                 | <a href="#">1.713.20.v55.4<sup>8</sup></a> |
|               |             | ESXi 6.0                 | <a href="#">1.713.20.v60.4<sup>8</sup></a> |
| 630M          | bnx2fc      | ESXi 5.5                 | <a href="#">1.713.20.v55.4<sup>8</sup></a> |
|               |             | ESXi 6.0                 | <a href="#">1.713.20.v60.4<sup>8</sup></a> |
| 536FLR-T      | bnx2fc      | ESXi 5.5                 | <a href="#">1.713.20.v55.4<sup>8</sup></a> |
|               |             | ESXi 6.0                 | <a href="#">1.713.20.v60.4<sup>8</sup></a> |
| Synergy 2820C | bnx2fc      | ESXi 5.5                 | <a href="#">1.713.20.v55.4<sup>8</sup></a> |
|               |             | ESXi 6.0                 | <a href="#">1.713.20.v60.4<sup>8</sup></a> |
| Synergy 3820C | bnx2fc      | ESXi 5.5                 | <a href="#">1.713.20.v55.4<sup>8</sup></a> |
|               |             | ESXi 6.0                 | <a href="#">1.713.20.v60.4<sup>8</sup></a> |

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>9</sup> This version of firmware is loaded by the driver.

## HPE System Management Software

| Product  | ESXi Versions | Current Version Supported | Current Offline Bundle                               |
|--|---------------|---------------------------|--|
| HPE ESXi Offline Bundle for VMware vSphere 6.0                         | vSphere 6.0   | 2.6                       | <a href="#">hpe-esxi6.0uX-bundle-2.6.0-22.zip</a>    |
| HPE Agentless Management Service Offline Bundle for VMware vSphere 6.0 | vSphere 6.0   | 10.5.0                    | <a href="#">ams-esxi6.0-bundle-10.5.0-15.zip</a>     |
| HPE ESXi Utilities Offline Bundle for VMware vSphere 6.0               | vSphere 6.0   | 2.6                       | <a href="#">hpe-HPUtil-esxi6.0-bundle-2.6-12.zip</a> |
| HPE NMI Sourcing Driver for VMware vSphere 6.0                         | vSphere 6.0   | 2.4                       | <a href="#">hpe-nmi-esxi6.0uX-bundle-2.4.16.zip</a>  |
| HPE ESXi Offline Bundle for VMware vSphere 5.5                         | vSphere 5.5   | 2.6                       | <a href="#">hpe-esxi5.5uX-bundle-2.6.0-22.zip</a>    |
| HPE Agentless Management Service Offline Bundle for VMware vSphere 5.5 | vSphere 5.5   | 10.5.0                    | <a href="#">ams-esxi5.5-bundle-10.5.0-13.zip</a>     |
| HPE ESXi Utilities Offline Bundle for VMware vSphere 5.5               | vSphere 5.5   | 2.6                       | <a href="#">hpe-HPUtil-esxi5.5-bundle-2.6-12.zip</a> |
| HPE NMI Sourcing Driver for VMware vSphere 5.5                         | vSphere 5.5   | 2.4                       | <a href="#">hpe-nmi-esxi5.5-bundle-2.4-16.zip</a>    |



# HPE SR-IOV Guest OS support

## vSphere 5.5 & vSphere 6.0 Support

### HPE supported SR-IOV Guest OS for Emulex adapters

| Product     | Driver Type | Driver Version             | ESXi Versions | HP Supported Guest OS   |
|-------------|-------------|----------------------------|---------------|---|
| 554FLB      | elxnet      | <a href="#">11.1.145.0</a> | vSphere 5.5   | RHEL 6.4<br>RHEL 6.5<br>RHEL 6.6<br>SLES 11 SP3<br>SLES 12<br>WS 2012 |
|             |             | <a href="#">11.1.145.0</a> | vSphere 6.0   |   |
| 554FLR      | elxnet      | <a href="#">11.1.145.0</a> | vSphere 5.5   |   |
|             |             | <a href="#">11.1.145.0</a> | vSphere 6.0   |   |
| 554M        | elxnet      | <a href="#">11.1.145.0</a> | vSphere 5.5   |   |
|             |             | <a href="#">11.1.145.0</a> | vSphere 6.0   |   |
| 552M        | elxnet      | <a href="#">11.1.145.0</a> | vSphere 5.5   |   |
|             |             | <a href="#">11.1.145.0</a> | vSphere 6.0   |   |
| CN1100E     | elxnet      | <a href="#">11.1.145.0</a> | vSphere 5.5   |   |
|             |             | <a href="#">11.1.145.0</a> | vSphere 6.0   |   |
| NC552SFP    | elxnet      | <a href="#">11.1.145.0</a> | vSphere 5.5   |   |
|             |             | <a href="#">11.1.145.0</a> | vSphere 6.0   |   |
| 650FLB      | elxnet      | <a href="#">11.1.145.0</a> | vSphere 5.5   |   |
|             |             | <a href="#">11.1.145.0</a> | vSphere 6.0   |   |
| 650M        | elxnet      | <a href="#">11.1.145.0</a> | vSphere 5.5   |   |
|             |             | <a href="#">11.1.145.0</a> | vSphere 6.0   |   |
| 556FLR-SFP+ | elxnet      | <a href="#">11.1.145.0</a> | vSphere 5.5   |   |
|             |             | <a href="#">11.1.145.0</a> | vSphere 6.0   |   |
| CN1200E     | elxnet      | <a href="#">11.1.145.0</a> | vSphere 5.5   |   |
|             |             | <a href="#">11.1.145.0</a> | vSphere 6.0   |   |
| 557SFP+     | elxnet      | <a href="#">11.1.145.0</a> | vSphere 5.5   |   |
|             |             | <a href="#">11.1.145.0</a> | vSphere 6.0   |   |
| CN1200E-T   | elxnet      | <a href="#">11.1.145.0</a> | vSphere 5.5   |   |
|             |             | <a href="#">11.1.145.0</a> | vSphere 6.0   |   |

### HPE supported SR-IOV Guest OS for Intel adapters

| Product     | Driver Type | Driver Version          | ESXi Versions              | HP Supported Guest OS                       |
|-------------|-------------|-------------------------|----------------------------|---|
| 560FLR      | ixgbe       | <a href="#">4.1.1.4</a> | vSphere 5.5<br>vSphere 6.0 | RHEL 6.4<br>RHEL 6.5<br>RHEL 6.6<br>WS 2012 |
| 560SFP      | ixgbe       | <a href="#">4.1.1.4</a> | vSphere 5.5<br>vSphere 6.0 |   |
| 560M        | ixgbe       | <a href="#">4.1.1.4</a> | vSphere 5.5<br>vSphere 6.0 |   |
| 560FLB      | ixgbe       | <a href="#">4.1.1.4</a> | vSphere 5.5<br>vSphere 6.0 |   |
| 561FLR-T    | ixgbe       | <a href="#">4.1.1.4</a> | vSphere 5.5<br>vSphere 6.0 |   |
| 561T        | ixgbe       | <a href="#">4.1.1.4</a> | vSphere 5.5<br>vSphere 6.0 |   |
| 562SFP+     | ixgbe       | <a href="#">4.1.1.4</a> | vSphere 5.5<br>vSphere 6.0 |   |
| 562FLR-SFP+ | ixgbe       | <a href="#">4.1.1.4</a> | vSphere 5.5<br>vSphere 6.0 |   |

**HPE supported SR-IOV Guest OS for QLogic adapters**

| Product     | Driver Type | Driver Version                 | ESXi Versions | HP Supported Guest OS   |
|-------------|-------------|--------------------------------|---------------|---|
| 534FLB      | bnx2x       | <a href="#">2.713.10.v55.4</a> | vSphere 5.5   | RHEL 6.4<br>RHEL 6.5<br>REHL 6.6<br>WS 2012<br>SLES 11 SP3<br>SLES 12 |
|             |             | <a href="#">2.713.10.v60.4</a> | vSphere 6.0   |   |
| 534FLR-SFP+ | bnx2x       | <a href="#">2.713.10.v55.4</a> | vSphere 5.5   |   |
|             |             | <a href="#">2.713.10.v60.4</a> | vSphere 6.0   |   |
| 534M        | bnx2x       | <a href="#">2.713.10.v55.4</a> | vSphere 5.5   |   |
|             |             | <a href="#">2.713.10.v60.4</a> | vSphere 6.0   |   |
| 533FLR-T    | bnx2x       | <a href="#">2.713.10.v55.4</a> | vSphere 5.5   |   |
|             |             | <a href="#">2.713.10.v60.4</a> | vSphere 6.0   |   |
| CN1100R     | bnx2x       | <a href="#">2.713.10.v55.4</a> | vSphere 5.5   |   |
|             |             | <a href="#">2.713.10.v60.4</a> | vSphere 6.0   |   |
| 530FLB      | bnx2x       | <a href="#">2.713.10.v55.4</a> | vSphere 5.5   |   |
|             |             | <a href="#">2.713.10.v60.4</a> | vSphere 6.0   |   |
| 530M        | bnx2x       | <a href="#">2.713.10.v55.4</a> | vSphere 5.5   |   |
|             |             | <a href="#">2.713.10.v60.4</a> | vSphere 6.0   |   |
| 530SFP+     | bnx2x       | <a href="#">2.713.10.v55.4</a> | vSphere 5.5   |   |
|             |             | <a href="#">2.713.10.v60.4</a> | vSphere 6.0   |   |
| 530FLR-SFP+ | bnx2x       | <a href="#">2.713.10.v55.4</a> | vSphere 5.5   |   |
|             |             | <a href="#">2.713.10.v60.4</a> | vSphere 6.0   |   |
| 530T        | bnx2x       | <a href="#">2.713.10.v55.4</a> | vSphere 5.5   |   |
|             |             | <a href="#">2.713.10.v60.4</a> | vSphere 6.0   |   |
| 630FLB      | bnx2x       | <a href="#">2.713.10.v55.4</a> | vSphere 5.5   |   |
|             |             | <a href="#">2.713.10.v60.4</a> | vSphere 6.0   |   |
| 630M        | bnx2x       | <a href="#">2.713.10.v55.4</a> | vSphere 5.5   |   |
|             |             | <a href="#">2.713.10.v60.4</a> | vSphere 6.0   |   |
| 536FLB      | bnx2x       | <a href="#">2.713.10.v55.4</a> | vSphere 5.5   |   |
|             |             | <a href="#">2.713.10.v60.4</a> | vSphere 6.0   |   |
| CN1100R-T   | bnx2x       | <a href="#">2.713.10.v55.4</a> | vSphere 5.5   |   |
|             |             | <a href="#">2.713.10.v60.4</a> | vSphere 6.0   |   |

\*20Gb SR-IOV support is only available in ESXi 5.5 and higher

## Revision History

| Date       | Version | Change Description   |
|------------|---------|--|
| 11.09.2016 | 21.1    | Added qedentv driver support for HPE 620QSFP28 device  |
|            |         | Added support footnote for HPE NC551i device   |
| 10.24.2016 | 21.0    | Added support for the Service Pack for ProLiant (SPP) 2016.10.0 release  |
|            |         | Removed references for ESXi 5.0 and vSphere 5.1 from document. These OS releases are no longer supported.  |
|            |         | Removed support for the HP Smart Array P800 and HP Smart Array E200i Controllers. Please use previous Recipe releases to stay with the Recipe that supports these devices.   |
|            |         | The following HP devices were removed from the Recipe as they are no longer supported with the Service Pack for ProLiant (SPP): NC542m, FC2142SR Emulex LPe1150, FC2242SR Emulex LPe11002 and LPe1105. Please use previous Recipe releases to stay with the Recipe that supports these devices.  |
|            |         | The following HP ProLiant Servers were removed from the Recipe as they are no longer supported with the Service Pack for ProLiant (SPP): BL260c G5, BL460c G5, BL465c G5, BL495c G5, BL680c G5, BL685c G5, DL160 G6, DL160se G6, DL165 G7, DL170e G6, DL170h G6, DL180 G6, DL180se G6, DL360 G5, DL365 G5, DL380 G5, DL385 G5, DL385 G5p, DL580 G5, DL585 G5, DL785 G5, ML350 G5, ML370 G5, ML150 G6, SL160s G6, SL160z G6, SL165s G7, SL165z G7, SL170s G6, SL170z G6 |
| 06.15.2016 | 20.6    | Updated VC firmware to version 4.50. See footnote #13  |
| 06.14.2016 | 20.5    | The following Gen9 HPE ProLiant servers ROM versions were updated: BL460c Gen9, BL660c Gen9, DL20 Gen9, DL60 Gen9, DL80 Gen9, DL120 Gen9, DL160 Gen9, DL180 Gen9, DL360 Gen9, DL380 Gen9, DL560 Gen9, DL580 Gen9, ML110 Gen9, ML150 Gen9, ML350 Gen9, XL170r Gen9, XL190r Gen9, XL230a Gen9, XL250a Gen9, XL420 Gen9, XL450 Gen9, WS460c Gen9  |
| 05.09.2016 | 20.4    | Updated HPE Emulex NC553i NIC firmware to 10.7.110.31  |
|            |         | Updated the April vSphere 6.0 U2 hpe build version to hpe-build-600.9.5.0.48-2494585 in the OS Support table   |
| 05.06.2016 | 20.3    | Updated supported driver and firmware for the following HPE SmartArray Controllers: P244br, P440ar, P440, P441, P840, H240ar, H240, H241, H244br, P246br, P741m, P841 and P840ar. Footnote also added to point to customer advisory  |
|            |         | Updated supported driver for the following HPE SmartArray Controllers: P212, P410, P410i, P411, P711m, P712m and P812. Footnote also added to point to customer advisory   |
|            |         | Updated support information for following HPE SmartArray Controllers in the OS Support Table: P212, P410, P410i, P411, P711m, P712m and P812   |
| 04.29.2016 | 20.2    | Updated ROM version to 2016.03.07 for the following ProLiant servers: BL685c G7, BL465c Gen8, DL585 G7 and DL385p Gen8   |
|            |         | Updated support statement for AMD 6300 series processor based servers in 'Important Support Notes' section   |
|            |         | Updated support statement for HP Smart Array controllers in the OS Support table   |
|            |         | Updated vibsdepot directory links in the OS Support table to correct location  |
|            |         | Removed footnote #9 from DL 585 G7 server as it was inaccurate   |

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|            |      | Added support back for HPE Intel NIC NC365T   |
| 04.18.2016 | 20.1 | Updated iLO FW to version 2.40 for the BL460 Gen9   |
| 04.08.2016 | 20.0 | Added support for the Service Pack for ProLiant (SPP) 2016.04.0 release   |
|            |      | Added support for new Servers and Server options released on April 1, 2016  |
|            |      | Added ESXi 6.0 support for HPE QLogic device NC382i   |
|            |      | Removed references to ESXi 4.1, which is no longer supported  |
|            |      | Added support statement for AMD processor based servers in 'Important Support Notes' section  |
|            |      | Added support statement in OS Support table for HPE SmartArray Controllers: P212, P410, P410i, P411, P711m, P712m, and the P812   |
| 04.01.2016 | 19.6 | Updated supported driver for the HPE SmartArray Controllers: P212, P410, P410i, P411, P711m, P712m, and the P812. Footnote #15 was also added   |
|            |      | Updated the NIC & iSCSI driver for HPE Emulex device NC551i for ESXi5.1 and ESXi 5.5 to show correct support  |
| 03.15.2016 | 19.5 | Added support for the March 15, 2016 HPE vSphere 6.0 Update 2 custom image  |
| 01.25.2016 | 19.4 | Updated firmware for HPE SmartArray Controllers to 3.56 (see footnote #13).   |
| 01.08.2016 | 19.3 | Added support for the January 8, 2016 HPE vSphere 6.0 Update 1 custom image   |
| 12.08.2015 | 19.2 | Added support for the December 08, 2015 HP vSphere 5.5 Update 3 custom image  |
|            |      | Removed footnote for HP Intel device firmware in the SPP 2015.10.0  |
|            |      | Updated ROM version for the DL580 Gen9 server   |
| 11.16.2015 | 19.1 | Added support for the HP Service Pack for ProLiant (SPP) 2015.10.0 release for the vSphere 5.5 and vSphere 6.0 HP custom images.  |
|            |      | Added support for new Servers and Server options released on October 1, 2015.   |
|            |      | Added "HP ProLiant WS Servers" section with supported Servers.  |
|            |      | The following HP devices were removed from the Recipe as they are no longer supported with the Service Pack for ProLiant (SPP): NC105i, NC107i, NC325m, NC326i, NC326m, 41B, 42B, CN1000E, NC550m, NC550SFP, NC551m, NC110T, NC112T, NC360m, NC360T, NC364m, NC364T, NC362i, NC365T, 5625FLR-SFP+, 562SFP+, NC543i, NC375T, NC522m, NC522SFP, NC370i, NC371i, NC373i, NC373F, NC373m, NC373T, NC380T, NC382m, NC382T, NC532i, QMH4062, FC1143, FC1243. Please use previous Recipe releases to stay with the Recipe that supports these devices. |
| 11.09.2015 | 19.0 | Added support for the HP Service Pack for ProLiant (SPP) 2015.10.0 release for the ESXi 5.0 and vSphere 5.1 HPE custom images.  |
|            |      | Added Customer Notice Notification statement to the "Document Update Policy" section.   |

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|            |      | Added customer notice for new firmware on HPE SmartArray Controllers.   |
|            |      | Added new HPE branding.   |
| 10.29.2015 | 18.9 | Updated firmware version for HP Emulex devices: 556FLR-SFP+, 650FLB, 650M, CN1200E and 557SFP+.   |
| 10.28.2015 | 18.8 | Added support for the vSphere 6.0 Update 1 Custom Image.  |
|            |      | Added support for new Emulex drivers and firmware for the HP vSphere 6.0 Update 1 custom image.   |
|            |      | Added support for new HP ESXi offline bundle for the HP vSphere 6.0 Update 1 custom image.  |
|            |      | Updated firmware version for HP QLogic devices NC524SFP, NC522SFP and NC522m to correct version 4.0.595.  |
|            |      | Added Customer Notice statement in the 'Document Update Policy' section.  |
|            |      | Added link to About the HP-VMware Recipe document white paper to the 'About this document' section.   |
| 09.16.2015 | 18.7 | Added support for VMware vSphere 5.5 Update 3 in the OS Support table in the "Important Notes" section.   |
|            |      | Updated firmware version for HP QLogic devices NC375i and NC375T to correct version 4.0.595.  |
| 09.04.2015 | 18.6 | Updated the vSphere 5.5 Update 2 HP Custom Image version in the OS Support Table.   |
| 09.01.2015 | 18.5 | Updated HP Intel device firmware to the correct supported version 1.1067.   |
| 08.19.2015 | 18.4 | Added footnote with customer advisory link for a firmware issue seen on the HP Emulex 650FLB and 650M Networking devices.                                   |
|            |      | Updated OS support for the HP SmartArray controller P700M to add ESXi 6.0.  |
| 07.31.2015 | 18.3 | Updated ESXi 5.0 Update 3, vSphere 5.1 Update 3, and vSphere 6.0 custom image information in the OS Support table in the "Important Support Notes" section. |
|            |      | Updated the HP Dynamic Smart Array Controller hpvsa driver version and added footnote.  |
|            |      | Updated supported firmware version for HP Emulex based Networking devices on ESXi 5.0.  |
| 07.27.2015 | 18.2 | Added support note for June 2015 HP custom images to "Important Support Notes" section.   |
|            |      | Updated vSphere 5.5 Update 2 information in the OS Support table in the "Important Support Notes" section.  |
| 06.22.2015 | 18.1 | Updated footnote for HP Emulex based Networking devices: CN1000E, NC550m, NC550SFP, NC551i, NC551m.   |
| 06.15.2015 | 18.0 | Added support for the Service Pack for ProLiant (SPP) 2015.06.0 release   |
|            |      | Added support for new Servers and Server options released on June 15, 2015  |
| 06.04.2015 | 17.2 | Updated driver support for HP Emulex based NIC devices: CN1000E, NC550m, NC550SFP, NC551i, and NC551m   |
|            |      | Updated driver support for HP Emulex based iSCSI devices: CN1000E, NC551i, and NC551m   |
| 05.13.2015 | 17.1 | Corrected Intel NIC firmware to version 1.949.0   |
|            |      | Updated Guest OS support in "HP SR-IOV Guest OS Support" section  |

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|            |      | Added CA footnote for QLogic 81Q and 82Q devices   |
|            |      | Updated OS support and driver support for the P700m SmartArray controller                          |
|            |      | Added CA for hpvsa driver version 5.5.0-92   |
| 04.15.2015 | 17.0 | Added support for the Service Pack for Proliant (SPP) 2015.04.0 release                            |
|            |      | Added support for new Servers and Server options released on March 30, 2015                        |
| 03.12.2015 | 16.5 | Added VMware vSphere 6.0 support   |
| 02.06.2015 | 16.4 | Added footnote to HP Emulex based NIC devices  |
|            |      | Updated firmware version for CN1100E device  |
| 12.09.2014 | 16.3 | Added updated vSphere 5.5 Update 1 ISO image under "Important Support Notes" section               |
| 12.05.2014 | 16.2 | Added "Document Update Policy" section   |
|            |      | Added support for updated HP Custom ISO's *see "Important Support Notes" section*                  |
|            |      | Added support for new VC firmware  |
|            |      | Added support for new iLO4 firmware  |
|            |      | Added support for following servers: DL60 Gen9, DL80 Gen9, DL120 Gen9, ML150 Gen9, and XL230a Gen9 |
|            |      | Added support for new HP SmartArray Controller H241  |
|            |      | Added support for new HP SmartArray Controller firmware  |
|            |      | Added support for new QLogic NetXtremell driver  |
|            |      | Added support for new HP ESXi Offline Bundle for vSphere 5.5                                       |
|            |      | Added support for new HP Agentless Management Services Offline Bundle for vSphere 5.5              |
| 10.24.2014 | 16.1 | Added support for HP Maintenance Supplement Bundle (MSB) 2014.10                                   |
| 09.09.2014 | 16.0 | Initial version of recipe for HP Service Pack for Proliant (SPP) 2014.09.0                         |
| 08.15.2014 | 15.0 | Added support for XL220a Gen8 v2 server  |
|            |      | Added support for the 630FLB and 630M  |
|            |      | Added support for new QLogic NX2 driver bundle. See footnote                                       |
| 07.03.2014 | 14.1 | More updates made to components to reflect the (SPP) 2014.06.0 release. See footnotes              |
| 07.01.2014 | 14.0 | Updated HP Custom Image ISO table in "Important Support Notes" section                             |
|            |      | Updated components to reflect new (SPP) 2014.06.0 release. See footnotes                           |
| 06.17.2014 | 13.0 | Updated CA to reflect new hpsa driver  |

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|            |      | Updated links to new QLogic NX2 driver  |
|            |      | Added updates to "System Management Software" section   |
|            |      | Updated table in "Important Support Notes" section  |
| 05.30.2014 | 12.0 | Added support for vSphere 5.5 Update 1 OS Release   |
|            |      | Added "Important Support Notes" section   |
|            |      | Added various firmware updates. See footnotes   |
|            |      | Updates hpvsa driver version  |
| 02.19.2014 | 10.1 | Added MicroServer Gen8 support and updated URLs for new servers and management bundles  |
| 02.18.2014 | 10.0 | Added support for (SPP) 2014.02.0 Driver/FW. Driver/FW updates and added vSphere 5.5 SR-IOV support list  |
|            |      | Initial version of February 2014 recipe   |
| 01.14.2014 | 9.0  | Added support for VMware vSphere 5.1 U2 OS Release  |
|            |      | Initial version of January 2014 recipe  |
| 12.05.2013 | 8.2  | Added supported ESXi 4.1 device driver, FW, and HP Management Software  |
| 11.22.2013 | 8.1  | Added support for VMware vSphere 5 Supplemental for HP Service Pack for Proliant 2013.09.0 (B)  |
|            |      | Updated VMware ESXi 4.x support statement with regards to the SPP   |
|            |      | Updates HP Dynamic Smart Array Controller driver version to 5.0.0-70 and 5.5.0-70 for a hot-fix release   |
| 10.17.2013 | 8.0  | Added support for VMware ESXi 5.0 U3 OS release   |
|            |      | Initial version of October 2013 Recipe  |
| 10.02.2013 | 7.3  | Added HP ESXi Offline Bundle for ESXi5.0 and vSphere 5.1 version 1.5, HP Agentless Management Service Offline Bundle for VMware ESXi 5.0 and vSphere 5.1 version 9.4.0, and HP Agentless Management Service Offline Bundle for VMware vSphere 5.5 version 9.4.0 |
|            |      | Updated a set of Gen8 Intel servers' ROM FW version to 2013.09.18 for a hot-fix release   |
| 09.27.2013 | 7.2  | Removed footnot about future availability of 5.5 Custom Image with HP CIM Provider bundle and Broadcom drivers  |
| 09.23.2013 | 7.1  | Updated download URLs for VMware vSphere 5.5 drivers  |
|            |      | Added 5.5 Broadcom drivers and 5.5 HP CIM Provider Offline Bundle   |
| 09.19.2013 | 7.0  | Initial version of recipe for HP Service Pack for Proliant (SPP) 2013.09.0 (B)  |
|            |      | Added VMware vSphere 5.5 OS support and drivers   |
| 09.23.2013 | 6.3  | Add revision history  |
| 07.18.2013 |      | Update Virtual Connect FW version to 4.01   |
| 07.08.2013 | 6.2  | Update Emulex FW version to 4.2.401.2215 for a hot-fix release  |

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|------------|-----|---|
|            |     | Add statement of when the recipe is updated   |
|            |     | Add HP Management Components table  |
| 06.12.2013 | 6.1 | Add ML310e Gen8 v2 and DL320e Gen8 v2 servers   |
|            |     | Update ROM FW version to 2012.12.17 for a hot-fix release for BL465c Gen8, BL685c G7, DL385p Gen8 and DL585 G7. |
| 05.29.2013 |     | Update Emulex FW version to 4.2.401.605 for a hot-fix release   |
| 04.25.2013 | 6.0 | Initial version of recipe to support ESXi 5.1 U1 OS Release   |
|            |     | Added 4.1U2 and 4.1U3 support statement   |
|            |     |   |



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Updated November 09, 2016  
Created February 2014

