About the HP-VMware Recipe document

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The HP-VMware Recipe document is for the individual who installs, administers, and troubleshoots servers, Virtual Connect and storage systems. The document specifies the versions of firmware and software that are recommended for use with VMware vSphere 5.x and VMware vSphere 6.0 OS releases in conjunction with the HP Service Pack for ProLiant (SPP). The firmware versions and software versions listed in the document have been tested as a solution set using the SPP as a baseline and are fully supported by HP.

You can view the most current Recipe document at the following link: http://vibsdepot.hp.com/hpq/recipes/HP-VMware-Recipe.pdf

Update Policy for the Recipe document

A new version of the Recipe will be published when any of the below occurs:

- HP publishes a new Service Pack for ProLiant (SPP)
- HP publishes a new Maintenance Supplement Bundle (MSB)
- HP releases a hot-fix for a critical driver or FW update
- VMware publishes a new OS Release (e.g. 5.1),
- VMware publishes a new OS update release (e.g. 5.1 U1)

Note: *Footnotes contained within the Recipe document will provide important information about some of the components listed above.*

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.hp.com/go/myadvisory
- In the "Choose a product category" search for "VMware vSphere Software"
- In the search results, select " VMware vSphere Software"
- Select "Add select products"

Support Policy for the Recipe document

The current Recipe document will be supported as long as the SPP referenced within the document is supported.

The past Recipes are also supported as long as the SPP referenced within the document is supported.

Please review the applicable SPP release notes for further information on SPP support. The release notes can be found at the following link under the 'Documentation' section: http://h17007.www1.hp.com/us/en/enterprise/servers/products/service_pack/spp/index.aspx

How to use the Recipe document

This section describes what information can be found within the Recipe document. The firmware and drivers referenced in a Recipe are applicable to the referenced SPP release.

Recipe Section	Section Breakdown
Important Support Notes	This section discusses important support information related to each Recipe release. Information to review is: • Which Service Pack for ProLiant version the Recipe supports • Which VMware OS releases have been tested against the SPP release. • Which HP Custom ISO's are supported with the SPP release • Locations of Drivers and Software that can be found on vibsdepot. (This is listed in the OS support table)
OS support table	This table lists which HP Custom ISO's are currently supported by the referenced SPP. Also, the table lists the following important information in regards to the supported HP Custom ISO's: • **Driver Updates** – this column lists driver updates that are required to bring the referenced HP Custom ISO in alignment with the current Recipe. The appropriate links to vibsdepot will be provided to update the referenced HP Custom ISO. • **Software Updates** – this column lists software updates that are required to bring the referenced HP Custom ISO in alignment with the current Recipe. The appropriate links to vibsdepot will be provided to update the referenced HP Custom ISO.
Server Support (BL, DL, ML, XL, & SL Series)	This section lists new and existing servers supported. It will also list the latest recommended ROM and iLO firmware versions for each server. Hot-fix releases will be listed separately with a footnote.
HP SmartArray Controller/Networking Products	This section lists new and existing HP supported Storage Controllers and Networking products. The latest recommended driver and firmware versions will be listed for each product. Hot-fix releases will be listed separately with a footnote.
HP System Management Software	This section lists the recommended versions of the HP Management Software. Hot-fix releases will be listed separately with a footnote.
HP SR-IOV Guest OS Support	This section lists the Guest OS, networking device, and drivers supported with SR-IOV.
Revision History	This section lists the changes in each Recipe document release
Footnotes	Footnotes are added for additional support information and or critical issue advisories and are viewable at the bottom of each page where applicable.

Information updated within the Recipe document

The Recipe document, when released, will have newly added content for one or more of the following components:

- HP Servers and Server firmware
- HP Smart Array controllers and drivers and firmware
- HP Network devices and drivers and firmware
- HP System Management Software
- HP SR-IOV Guest OS Support

The Revision History located within the Recipe documentation will provide details of what information was added, updated or changed for each Recipe document release.

Frequently Asked Questions

The FAQ section covers commonly asked questions that have been encountered with regards to the Recipe documentation. The goal of this section is to provide clarity on the information that has created the most concern. This section will be updated when applicable.

Q: There are two sets of drivers listed as supported with ESXi 5.5 with a certain device, which driver is currently support by HP? Why are there two sets of drivers listed?

> **A**: Both sets of drivers are currently supported by HP. We list two sets of drivers to show 1) The driver that was initially released with the referenced SPP and 2) A driver that released as a hotfix to resolve a critical customer issue and is still supported with the referenced SPP.

Q: How can I tell what's new in the Recipe?

> **A**: The information that is updated in each new Recipe document release is in the 'Revision History' section of the document. This section is updated with pertinent information related to each Recipe document release.

Q: What is the difference between the Recipe document and the Service Pack for ProLiant (SPP)?

> **A**: The HP Service Pack for ProLiant (SPP), when released, contains device drivers and firmware, server firmware and server infrastructure firmware.
>
> The Recipe document references the same device drivers and firmware, server firmware and server infrastructure firmware as the SPP when released with a SPP. However, the Recipe is updated when a hot-fix is released which is not included in the SPP. The Recipe also includes the recommended versions of HP System Management Software not included in the SPP.
>
> A hot-fix can consist of device drivers and firmware updates, server and server infrastructure firmware updates, and HP management software bundle updates. Each hot-fix will have a Customer Advisory which provides all information a user needs to determine if they are affected.

Q: What does it take to get updated to the latest Recipe, driver and firmware versions?

> **A**: Users can update to the latest Recipe in a few different ways. Refer to the [Deploying and Updating vSphere on ProLiant Servers](#) and the [VMware: Best practices for maintaining HP firmware, driver and system software using the SPP and SDR](#). Please see below for the possible avenues of updating to the latest Recipe software:
>
> - **Using the HP custom image** – users can install or upgrade their environment using the HP custom images that are released and referenced in the OS Support table under the 'Important Support Notes' section. The custom images only contain driver updates, not firmware.
> - **VUM online updates** – users can use VUM to update the drivers and software in their configurations. Refer to vibsdepot.hp.com to learn more on how to use VUM for updating a host.
> - **Offline bundle updates** – users can use offline bundle updates, which are contained on vibsdepot.hp.com, to update the drivers and software in their configurations.
> - **Service Pack for ProLiant** – users can use the SPP to update driver and firmware in their environment. Note, the SPP will not contain hot-fix drivers or firmware and does not contain HP System Management Software.
> - **Hot-fixes** – if a hot-fix is available a user will need to manually install the software, referenced in the Recipe, to get the latest recommended driver or firmware version. A customer advisory is usually documented in the Recipe document which points to the hotfix.

Q: Where can I find important information related to firmware and driver versions?

> **A**: Important information regarding firmware and or driver version updates will be noted in the 'Important Support Notes' section of the Recipe document. Also, there will be a footnote in the specific Hardware section of the Recipe document noting any important updates.

Q: How can I determine which HP custom images are still supported with the current Recipe?

> **A**: Please refer to the OS Support Table in the 'Important Support Notes' section of the Recipe document to determine which HP custom images are supported with the current Recipe.

> **Note**: The HP custom images listed in the OS support table are only tested with the SPP version referenced in the current Recipe document.

You can view the most current Recipe document at the following link:
http://vibsdepot.hp.com/hpq/recipes/HP-VMware-Recipe.pdf

Get Connected

hp.com/go/getconnected

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