Overview

Service Pack for ProLiant (SPP)

The HPE Smart Update solution (**http://www.hpe.com/info/smartupdate**), consisting of Smart Update Manager (SUM) and the Service Pack for ProLiant (SPP) simplify the process of updating one or many HPE ProLiant servers in the least amount of time. The Service Pack for ProLiant (SPP) is a comprehensive collection of firmware and system software components tested together as a single solution stack and available for download from the web. Smart Update Manager (SUM) is the preferred engine for deployment of firmware and system software updates. Together SPP and SUM provide better operating stability and ensure maximum uptime for your Hewlett Packard Enterprise servers.

The SPP includes drivers, agents, utilities, firmware packages for HPE ProLiant servers, controllers, storage, blades and enclosures, and other options and is released with most major HPE ProLiant server releases and twice per year (April and October) as a Maintenance Supplement Bundle (MSB). The SPP supports all HPE ProLiant Gen 9 servers (HPE ProLiant XL/SL/ML/DL 10 to 900 series servers, HPE BladeSystems series servers, and HPE CloudSystem Matrix) and earlier generation HPE ProLiant servers. For the complete list of supported HPE servers, see the SPP Server Support Guide (**http://www.hpe.com/servers/spp/documentation**). By enabling firmware and systems software to be updated online and integrating these updates into one operation, SPP with SUM offer faster updates of individual HPE ProLiant servers and dramatically faster updates of entire BladeSystem enclosures. The SPP can be used as a baseline and it can be customized by selecting specific components for deployment to establish a custom baseline. Hot Fixes and Supplement releases are available to deliver out of cycle component updates to the customer in a timely manner without waiting for the next SPP release.

Each SPP release is supported for 1 year and HPE recommends customers establish a cadence for updating each server:

- Once per year,
- With each SPP release, or
- Twice per year with each SPP MSB

Customers should consult the release notes for each SPP and MSB in order to determine the update cadence for each server.).

For more information on SPP, see:

- Product page - **http://www.hpe.com/servers/spp**
- Downloads - **http://www.hpe.com/servers/spp/download**
- Software Delivery Repository (SDR) - **http://www.hpe.com/servers/sdr**
- Documentation - **http://www.hpe.com/servers/spp/documentation**
- Support policy - **http://www.hpe.com/servers/spp/supportpolicy**

What's New
- Support for the most recently available servers, options and OSes.
- For details on what's new, refer to the information at **http://www.hpe.com/servers/spp** or **http://www.hpe.com/servers/spp/download**.

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Product Features

Deliverable format	The SPP is currently delivered as a full ISO. In mid-2016 users will have the ability to create a custom SPP of those components and OSes utilized in the user environment and save it is a zip, ISO or bootable ISO. The SPP custom download also allows users to easily add supplements, hotfixes or MSB to applicable SPPs.
Hot Fixes	Hot Fixes are important firmware or software component updates that have been approved as out of cycle releases to get them to customers faster. Hot Fixes are tested individually against the current SPP and earlier SPPs within their support window. They are well documented as Customer Advisories (CAs) to help customers understand the problem addressed. You may "cherry pick" Hot Fix updates as a practical way to manage the impact of these changes in the context of your business. Hot Fixes are included as part of an SPP's support window.
OS Supplements	An SPP Supplement is a bundle released out of cycle containing software and/or firmware components with SUM as the deployment tool. It may include support for a new operating system update or functionality that is not included in the SPP but works with the components in the SPP. Supplements allow Hewlett Packard Enterprise to deliver new driver or functionality support when it is needed so customers do not have to wait on a full SPP´s availability. Support for SPP Supplements are included as part of the associated SPP's support window.
Maintenance Supplement Bundle	Hewlett Packard Enterprise provides two additional SPP-related releases every year in April and October for release predictability called the SPP Maintenance Supplement Bundle (SPP MSB). An SPP MSB is a bundle that is associated with the most recently released SPP. It includes Hot Fixes, Security Bulletin-related components, OS Supplement components, as well components needed to provide delayed application/device support and new device support that have been released since the most recently released SPP. SPP MSB will leverage the SUM version found in the most recently released SPP.

Web Experience

Vanity URLs for easy access are:

- SPP Product Information: **http://www.hpe.com/servers/spp**
- SPP Downloads: **http://www.hpe.com/servers/spp/download**
- SPP Documentation: **http://www.hpe.com/servers/spp/documentation**
- SUM Product Information: **http://www.hpe.com/servers/hpsum**
- SUM Documentation: **http://www.hpe.com/servers/spp/documentation**

Related Products	**Smart Update Manager (SUM)**	—	Smart Update Manager is the preferred deployment engine for deploying the SPP. For more information can be found at **http://www.hpe.com/servers/hpsum**.

Ordering Information	The SPP is available as a web download only at: **http://www.hpe.com/servers/spp/download**. It is not orderable nor is it available on media.

Benefits	**Breakthrough system maintenance tool**	• Firmware, drivers, and tools are bundled into a single, Hewlett Packard Enterprise validated solution. • Customizable by selecting which components you want to install as well as being able to install Hot Fixes and Supplements when needed. • With the intelligence of SUM and online updates, administrators can deploy updates 3x faster, with 93% less downtime during updates.

Product Features

- 1 year support period from the time of release.
- Tested and validated as a solution.

Increases ease of server management

- Single consolidated set of tested firmware and Hewlett Packard Enterprise system software (drivers, agents, utilities).
- Interdependency solution testing of firmware and system software including drivers.
- Because Hewlett Packard Enterprise does the testing, not you, your IT staff productivity is improved and downtime is reduced.

Integral part of the HPE ProLiant server experience

- Offered from the web to provide convenient access.
- Essential management tool designed to simplify IT management in a dynamic and demanding 7x24x365 environment.

Reliable configuration

- Integrates server support software and firmware, and minimizes configuration and update issues.
- Ensures consistency and maximizes reliability and system uptime.

OS supported

- All tier One OSes are supported. For additional details on what is supported in each SPP, see the release notes.

Update firmware, run utilities, and perform diagnostics

- When booting a server to the SPP ISO, you can do the following tasks:
  - Update Firmware in the following modes:
    - Automatic mode - firmware components will be updated without interaction from the user
    - Interactive mode - firmware components will be updated by following the onscreen steps
  - Run Array Configuration Utility - Configuration, management, and diagnostics for Smart Array
  - Run Insight Diagnostics - Conduct system diagnostic test

Compatibility with other Hewlett Packard Enterprise products For compatibility products review documentation and release notes at **http://www.hpe.com/servers/spp/documentation**.

Service and Support

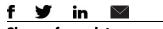|	
Insight Remote Support	Provides 24 X 7 remote monitoring, proactive notifications, and problem resolution. For more information, visit **http://www.hpe.com/info/insightremotesupport.**
Get Proactive Notification of Upcoming Software with Subscriber's Choice	Proactive delivery of Product Change Notifications (PCNs), Customer Advisories (CAs), and software driver alerts are delivered through Subscriber's Choice. We encourage you to begin taking advantage of the feature-rich notifications delivered from Hewlett Packard Enterprise Subscriber's Choice at: **http://www.hpe.com/info/myadvisory**.

Technical Specifications

Operating System Support Consult the SPP Release Notes at **http://www.hpe.com/servers/spp/documentation** for operating system support for a specific SPP.

Summary of Changes

Date	Version History	Action	Description of Change
15-Aug-2016	From version 12 to 13	Changed	Overview and What's New sections were revised.
31-Mar-2016	From Version 11 to 12	Changed	Overview, Product Features, and Technical Specifications were revised.
28-Sep-2015	From Version 10 to 11	Changed	Overview and Product Features were revised.
31-Mar-2014	From Version 9 to 10	Changed	Changes made throughout the QuickSpecs.
10-Sep-2013	From Version 8 to 9	Changed	Minor edits were made throughout
19-Apr-2013	From Version 7 to 8	Changed	Technical Specifications: Updated Operating System Support section completely.
08-Feb-2013	From Version 6 to 7	Added	Added v2013.02.0 throughout the QuickSpecs.
13-Apr-2012	From Version 5 to 6	Changed	Overview and Product Features were revised.
06-Mar-2012	From Version 4 to 5	Changed	Overview and Support Duration were revised. Service and Support section was completely revised.
14-Nov-2011	From Version 3 to 4	Changed	Changes made throughout the QuickSpecs.
14-Oct-2011	From Version 2 to 3	Changed	Changes made throughout the QuickSpecs.
23-Sep-2011	From Version 1 to 2	Changed	Changes made throughout the QuickSpecs.

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