



Hewlett Packard Enterprise

Reducing the Frequency of Server Updates

Due to customer feedback to reduce the frequency of server updates, specifically for older server generations, HPE releases two types of SPPs.

1. A “Production SPP” with support for the “production server generations” (current and 1 back).
2. Multiple generation specific “Post-Production SPPs” with support for one specific “post-production server generation” (e.g. Gen8 only Post-Production SPP that contains the firmware and drivers for Gen8 only).

Production SPP

The production server generations (latest and 1 back) are the server generations where HPE is adding support for new technology, features, options and new major OS/hypervisor versions. All of which involve adding new functionality to or modifying existing functionality in the firmware, drivers, and system software and releasing updated versions.

Firmware, drivers, and system software updates for the “production server generations” may include bug fixes, security updates, plus new features, functionality, and new OS/hypervisor version support and require more frequent updates and testing.

Because the updates contain new functionality, bug fixes, and security updates, HPE recommends updating production server generations on a yearly cadence.

Post-Production SPP

The post-production server generations (two or more generations back) are the server generations where HPE is no longer adding support for new technology, features, options and new major OS/hypervisor versions. When a server generation is in post-production, modifications to the firmware, drivers, and system software for that server generation is limited to bug fixes and security updates.

Smart Component updates during the post-production phase of a server generation as less frequent and are only released to resolve an issue.

Because updates are only released to resolve specific issues, HPE recommends updating to post-production SPP and then applying only the “hot fixes” that apply to your server models, OS/hypervisor versions, and environment.

Post-productions SPPs are supported as long as HPE supports that server generation and you do not need to perform yearly updates on post-production server generations.

	Gen10	Gen9 and Gen10	Gen8	G7
SPP Classification	Production	Production	Post-Production	Post-Production
Entitlement required	No	Yes	Yes	Yes
Login required	Yes	Yes	Yes	Yes
SPP Release Frequency	2-4X per year (March, September + select new product releases)	2-4X per year (March, September + select new product releases)	Once (All updates released as hot fixes and/or supplements)	Once (All updates released as hot fixes and/or supplements)
New OS support	✓	✓	X	X
New Device support	✓	✓	X	X
New functionality	✓	✓	X	X
Bug fixes	✓	✓	✓	✓
Security Updates	✓	✓	✓	✓
Recommended Update Frequency	Yearly	Yearly	Only to resolve an issue	Only to resolve an issue
Component Update Path Testing	1 year	1 year	Through the end of server support	Through the end of server support
SPP to use	Latest Production SPP	Latest Production SPP	Gen8 Post-Production	G7 Post-Production

Downloading an SPP

The Gen10 production SPP can be downloaded using HPE passport account, without the need for active warranty or support agreement

The Gen9/Gen10 production SPP and post-production SPP downloads require an active warranty or support agreement (see [More Information on Access to HPE Support Materials for more details](#)).

HPE provides several methods to download the SPP.

- SPP Custom Download (www.hpe.com/servers/spp/custom) – HPE’s preferred method for downloading a production or post-production SPP.
- SPP Download Page (www.hpe.com/servers/spp/download) – which also provides access to the SPP release documentation, hot fixes and advisories, and FAQs.
- HPE Support Center (www.hpe.com/support)
- Software Deliver Repository (SDR) (<http://downloads.linux.hpe.com/SDR/>) – YUM repository containing the Smart Components.

How do I know if updates have been released for a Post-Production SPP?

The “Hot Fixes and Advisory” section of the [SPP Download page](#) provides a list of the hot fixes and advisories for the selected SPP (production and post-production).

Service Pack for ProLiant (SPP) Version Gen8.1

Gen10 Production Versions: [2019.12.0](#)
 Gen9/Gen10 Production Versions (warranty/support agreement required): [2019.12.0](#) [2019.09.0](#) [2019.03.1](#)
 Post-Production Versions (warranty/support agreement required): Gen8.1 [G7.1](#)

Download **Hot Fixes & Advisories** Documentation FAQ

This tab includes only significant Customer Advisories (CAs) that are known to exist within or be corrected by this release.

Hot Fixes		Hot Fixes			
Resolved CAs		Date	CA Number	Description	
Open CAs					
Known Limitations		+	5/4/2018	a00040080	(Revision) HPE Hard Disk Drives - Drives EH0300FCBVC and EH0146FCBVB With HPD9 Firmware Installed May Cause the Array Volume to Become Unresponsive and Result in Data Loss
		+	2/27/2018	a00029108	(Revision) HPE Virtual Connect 4.60 and 4.61 - Reboot/Reset/Power-Cycle of Blade(s) or VC Module(s) May Result in Loss of Stacking Link Between VC Modules, Latency in FCoE Traffic and Uplink May Not Form LACP Group. Causing a Network Outage

Is there release documentation for each Post-Production SPP?

Yes, the “Documentation” section of the [SPP Download page](#) contains the SPP documentation (release notes, server support guide, contents report, and component notes) for the Production and Post-Production SPPs.

Gen10 Service Pack for ProLiant (SPP) Version 2019.12.0

Gen10 Production Versions: 2019.12.0

Gen9/Gen10 Production Versions (warranty/support agreement required): 2019.12.0 2019.09.0 2019.03.1

Post-Production Versions (warranty/support agreement required): Gen8.1 G7.1

[Download](#) [Hot Fixes & Advisories](#) [Documentation](#) [FAQ](#)

Expand below for information regarding [SPP Documentation](#), [SPP Update Compatibility](#), and [Associated Web Pages and Documents](#).

SPP Documentation

Below is a list of documents for Production SPPs. Refer to the SPP OS Guide to ensure SPP/OS compatibility. For more documentation, please visit the SPP Information Library.

Current Production SPP Documents

Production SPP Version	SUM Version	Documentation
Gen10 Service Pack for ProLiant 2019.12.0 Part Number: P26229-001	8.5.0(A)	Release Notes Component Release Notes Contents Report Server Support Guide
Service Pack for ProLiant 2019.12.0 Part Number: P26228-001	8.5.0(A)	Release Notes Component Release Notes Contents Report Server Support Guide
Service Pack for ProLiant 2019.09.0 Part Number: P19473-001	8.4.5	Release Notes Component Release Notes Contents Report Server Support Guide
LINUX - SUSE Linux Enterprise Server 15 SP1 Supplement for Service Pack for ProLiant 2019.03.1 Part Number: P19472-001	N/A	Release Notes
Service Pack for ProLiant 2019.03.1 Part Number: P19089-001	8.4.0	Release Notes Component Release Notes Contents Report Server Support Guide

Post-Production SPP Documents

Post-Production SPP Version	SUM Version	Documentation
VMware - VMware vSphere 6.5 U1 Supplement for Service Pack for ProLiant Gen8 Part Number: P03624-001	N/A	Release Notes
Service Pack for ProLiant Gen8.1 Part Number: P03093-001	7.6.2	Release Notes Component Release Notes Contents Report Server Support Guide