



Hewlett Packard
Enterprise

L.11.46 Release Notes

Abstract

This document contains supplemental information for the L.11.46 release.

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Contents

1 L.11.46 Release Notes.....	5
Description.....	5
Important information.....	5
Products supported.....	5
Compatibility/interoperability.....	5
Enhancements.....	6
Fixes.....	6
Version L.11.46.....	6
Online help.....	6
Version L.11.45.....	6
Crash.....	6
Version L.11.44.....	6
Command Authorization.....	6
Crash.....	6
Stacking.....	7
Web Management.....	7
Version L.11.43.....	7
Crash.....	7
Version L.11.42.....	7
Version L.11.41.....	7
File Transfer.....	7
Version L.11.40.....	7
Module Crash.....	7
Version L.11.39.....	8
DHCP Snooping.....	8
Display Issue.....	8
Version L.11.38.....	8
Version L.11.37.....	8
Secure Copy.....	8
Web Authentication.....	8
Version L.11.36.....	8
Version L.11.35.....	8
CLI.....	8
Module Crash.....	8
SNMP.....	8
Version L.11.34.....	9
Port Communication.....	9
Version L.11.33.....	9
802.1X.....	9
Version L.11.32.....	9
FFI/Config.....	9
Loop Protection.....	9
Version L.11.31.....	9
CLI.....	9
DHCP Snooping.....	9
Version L.11.30.....	9
Management.....	9
Web Management.....	9
Version L.11.29.....	10
Counters.....	10
Version L.11.28.....	10
Link.....	10

Version L.11.27.....	10
Module Crash.....	10
Version L.11.26.....	10
Loop Protection.....	10
Version L.11.25.....	10
Console.....	10
DHCP Snooping.....	10
Module Crash.....	10
Upgrade information.....	10
Upgrading restrictions and guidelines.....	10
Support and other resources.....	11
Accessing Hewlett Packard Enterprise Support.....	11
Accessing updates.....	11
Hewlett Packard Enterprise security policy.....	12
Documents.....	12
Websites.....	12
Customer self repair.....	12
Remote support.....	13
Documentation feedback.....	13

1 L.11.46 Release Notes

Description

This release note covers software versions for the L.11 branch of the software.

This document covers software versions beginning with L.11.25. For information about earlier software versions, please see the L.11.24 release notes.

Product series supported by this software:

- HPE 4200 v1 Switch Series

Important information

To avoid damage to your equipment, do not interrupt power to the switch during a software update.

Products supported

This release applies to the following product models:

Product number	Description
J8772A/B	HPE 4202-72 v1 Switch
J8771A	HPE 4202v1-48G Switch
J8770A	HPE 4204 v1 Switch Chassis
J9064A	HPE 4204-44G-4SFP v1 Switch
J8773A	HPE 4208-96 v1 Switch
J8775A/B	HPE 4208-96 v1 Switch
J8774A	HPE 4208v1-64G Switch
J9030A	HPE 4208-68G-4SFP v1 Switch

Compatibility/interoperability

The switch web agent supports the following operating system and web browser combinations:

Operating System	Supported Web Browsers
Windows XP SP3	Internet Explorer 7, 8 Firefox 3.5
Windows Vista SP2	Internet Explorer 8, 9 Firefox 10, 11
Windows 7	Internet Explorer 8, 9 Firefox 12 Chrome 19
Windows Server 2008 SP2	Internet Explorer 8, 9 Firefox 12
Macintosh OS	Firefox 12

Enhancements

No enhancements have been introduced since L.11.24.

Fixes

This section lists released builds that include fixes. Software fixes are listed in reverse-chronological order, with the newest on the top of the list. Unless otherwise noted, each software version listed includes all fixes added in earlier versions.

The Symptom statement describes what a user might experience if this is seen on the network. The Scenario statement provides additional environment details and trigger summaries. When available, the Workaround statement provides a workaround to the issue for customers who decide not to update to this version of software.

NOTE: The number preceding the fix description is used for tracking purposes.

Version L.11.46

Online help

CR_0000201063 Symptom: Web management help file is not accessible.

Scenario: The web management interface online help file URL changed to accommodate the domain name change for host files.

Version L.11.45

Crash

CR_0000189998 Symptom: Switch crashes with `PPC Instruction Fetch exception vector 0x400` error message.

Scenario: When transferring files from multiple simultaneous secured connections (SFTP/SCP), the switch may crash with the following error message:

```
PPC Instruction Fetch exception vector 0x400
```

Workaround: Avoid simultaneous file transfers using secured connection, such as SFTP or SCP.

Version L.11.44

Command Authorization

CR_0000137774 When issuing a command such as `show tech` (which invokes many sub-commands), if any of the sub-commands are on the HP-Command-Exception "DenyList", the command fails and the user is removed from enable mode.

Crash

CR_0000120993 Uploading a config file via SFTP might cause the switch to reboot unexpectedly with a message similar to `Software exception at exception.c:374 -- in 'tExcTask', task ID = 0x87965b10, -> internal error.`

CR_0000137484 Multiple SSH sessions attempting to simultaneously transfer files from the switch might cause the switch to reboot unexpectedly with a message similar to `TLB Miss: Virtual Addr=0x00000000 IP=0x80711c0c Task='tSftp0' Task ID=0x856dc2f0 fp:0x00000005 sp:0x856d8058 ra:0x806d6b20 sr:0x1000fc01.`

CR_0000154313 With SSH enabled, attempting SFTP transfers might cause the switch to reboot unexpectedly with a message similar to `TLB Miss: Virtual Addr=0x0000001c`

IP=0x8008b24c Task='tSftp0', Task ID=0x85717f10 fp:0x85d83a38
sp:0x85717d58 ra:0x8008b1c8 sr:0x1000fc01.

CR_0000167966 When a large amount of 802.1x and MAC-based authentication clients are connected to the switch, the switch may crash with the following message: Software exception at wma_ctrl_sm.c:250 -- in 'mWebAuth', task ID = 0x32b03d8 -> internal error.

Stacking

CR_0000149717 When an IP address is manually configured on the IP Stack Commander's Primary VLAN and the Stack Commander is rebooted, the Stack Member switches lose the IP Stack Commander's IP address.

```
4200# show stack
Stacking - Stacking Status (This Switch)
  Stack State           : Member
  Transmission Interval : 60
  Switch Number        : 1
  Stack Name           : procurve
  Member Status        : Joined Successfully
  Commander Status     : Commander Up
  Commander IP Address :
  Commander MAC Address : 001635-2a4800
```

When a user then attempts to connect to a Stack Member using the web interface, the user will be redirected to http://0.0.0.0.

Web Management

CR_0000162905 When a user connects to an IP address on the switch using a browser with Java version 7U51 or later, the web interface is blocked because the Java applets were not code-signed.

Version L.11.43

Crash

CR_0000143795 A switch configured with the command `qos udp-port <port_number> priority <priority_value>` that receives an IPv6 packet might reboot unexpectedly with a message similar to Software exception in ISR at arm_exception.c:1286 -> internal error.

Version L.11.42

No fixes were included in software version L.11.42.

Version L.11.41

File Transfer

CR_0000133993 The switch does not allow the user to download a config file that has a trunk defined, responding with the error Corrupted download file.

Version L.11.40

Module Crash

CR_0000111233 A switch module might reboot unexpectedly with task `eDrvPoll` when sFlow is enabled. This CR_0000111233 is an improvement of the previous Module Crash fixes (PR_0000047076 in L.11.25, PR_0000059805 in L.11.27, and CR_0000076434 in L.11.35).

Version L.11.39

DHCP Snooping

CR_0000126311 The CLI entry `dhcp-snooping option 82 untrusted-policy keep` is not included in the config file if `no dhcp-snooping option 82` is also configured. If the config file is saved to a TFTP server, it will not function properly when subsequently loaded on a switch.

Display Issue

CR_0000118422 A MAC address that begins with a non-zero value is displayed incorrectly in CLI and Web interface output.

Version L.11.38

No fixes were included in software version L.11.38.

Version L.11.37

Secure Copy

PR_0000073633, CR_0000078310 File transfer fails when using Secure Copy (SCP) or Secure FTP (SFTP) to download the switch operating system. The error message `error while reading: received a short buffer from FXP_READ, but not at EOF` has been observed.

Web Authentication

PR_0000066117, CR_0000072784 Login to the switch fails when configured for Web Authentication with PEAP-MSCHAPv2 using a Windows Server 2008 R2 Network Policy Server (NPS).

Version L.11.36

No fixes were included in software version L.11.36.

Version L.11.35

CLI

CR_0000103104 When a user enters the command to delete a VLAN that has switch ports defined, the switch responds with a statement that the ports will be moved to the default VLAN and then asks `Do you want to continue? [y/n]`. Whether the user types `y` or `n`, the VLAN is deleted.

Module Crash

CR_0000076434 A switch module might reboot unexpectedly with task `eDrvPoll` when sFlow is enabled. This **CR_0000076434** is an improvement of the previous Module Crash fixes (**PR_0000047076** in L.11.25, and **PR_0000059805** in L.11.27).

SNMP

CR_0000102629 In switch software the OID suffix for `hpicfBridgeRstpPortPathCost` is 7 and for `hpicfBridgeRstpForceBpduMigrationCheck` the OID suffix is 6, but the reverse is actually correct.

Version L.11.34

Port Communication

PR_0000072750, CR_0000077591 In an unusual situation, traffic from some Gigabit ports on a 4200vl switch might cause a connected PC to hang. This happens when the PC has a LAN On Motherboard (LOM) interface that uses the Intel® 82578DM Gigabit NIC. It happens only when the PC is connected to the vl 16-Port Gig-T Module (J8764A), or to a gigabit port on a 4202vl-48G Switch (J8771A).

Version L.11.33

802.1X

PR_0000072167 With port authentication configured, a network topology loop between two ports on the same module has a side effect: the switch agent stops responding to unicast traffic.

Version L.11.32

FFI/Config

PR_0000039989 FFI: If an FFI even is triggered, and when the link is brought down and back up again, the same FFI event will be triggered again in about 20 seconds, even if the trigger condition is not met.

Config: This fix makes the downgrade of the port to auto-10/100 visible in the running configuration. Note that this may trigger the switch to ask `Do you want to save current configuration?` upon logout or switch reload.

Loop Protection

PR_0000069799 Loop protection does not disable the port, despite the event log message that says the port is disabled.

Version L.11.31

CLI

PR_0000051188 If the switch uses DHCP to obtain an IP address, the output of `show ip` does not display the correct default gateway. This is a display issue only; the correct gateway address is used by the switch.

PR_0000060894 An empty transceiver slot cannot be configured to be a member of a newly-created VLAN. The switch responds with the error `invalid input`.

Workaround: Use the Web GUI to move the port in to a different VLAN.

DHCP Snooping

PR_0000065859 With DHCP snooping enabled, the switch drops DHCP ACK packets from PXE servers, which causes PXE boot processes to fail.

Version L.11.30

Management

PR_0000053533 The ProCurve Manager (PCM) **test communication parameters** test might fail on the second attempt.

Web Management

PR_0000060662 The Web user interface displays **Status** at the top of screen even though there is no status information provided.

Version L.11.29

Counters

PR_0000062966 The Drops Tx counter is not reset when a port goes offline, which can cause erroneous FFI (Find, Fix, Inform) High collision or drop rate messages after the port comes back online.

Version L.11.28

Link

PR_0000059144 Link might not be established for up to 10 minutes when the switch is connected to an Intel® PRO/100 VE network interface card (NIC) at 100 Mbps. This issue occurs on only the J8768A vl 24-Port Gig-T Module and the J9033A vl 20-Port Gig-T+4 SFP Module.

Version L.11.27

Module Crash

PR_0000059805 A switch module might reboot unexpectedly with task `eDrvPoll` when sFlow is enabled.

Version L.11.26

Loop Protection

PR_0000058459 When loop protection is disabled on a port or set of ports, the ports are briefly disabled and the event log displays an entry similar to `Loop Protect (63) has disabled port 1 for 1 second and port 1 timer (63) has expired`. In some cases, the port remains disabled and the switch must be power-cycled to re-enable the port.

Version L.11.25

Console

PR_000001136 Rarely, the switch console may hang after a software image transfer to the switch.

Workaround: **<Ctrl-C>** restores the command prompt.

DHCP Snooping

PR_0000046276 With DHCP snooping enabled, a MAC-Authentication client whose session times out cannot reauthenticate.

Module Crash

PR_0000043996 Re-inserting a module may result in `eChassMgr` module crash.

PR_0000047076 Module can fail with task `eDrvPoll` when sFlow is enabled. Example message:
`chassis: SlotB Software exception at msg Sys_drv.c:529 -- in 'eDrvPoll',
task ID = 0x41e6f720.`

Upgrade information

Upgrading restrictions and guidelines

L.11.46 uses BootROM L.10.02. If your switch has an older version of BootROM, the BootROM will be updated with this version of software.

Support and other resources

Accessing Hewlett Packard Enterprise Support

- For live assistance, go to the Contact Hewlett Packard Enterprise Worldwide website:
www.hpe.com/assistance
- To access documentation and support services, go to the Hewlett Packard Enterprise Support Center website:
www.hpe.com/support/hpesc

Information to collect

- Technical support registration number (if applicable)
- Product name, model or version, and serial number
- Operating system name and version
- Firmware version
- Error messages
- Product-specific reports and logs
- Add-on products or components
- Third-party products or components

Accessing updates

- Some software products provide a mechanism for accessing software updates through the product interface. Review your product documentation to identify the recommended software update method.
- To download product updates, go to either of the following:
 - Hewlett Packard Enterprise Support Center **Get connected with updates** page:
www.hpe.com/support/e-updates
 - HPE Networking Software:
www.hpe.com/networking/software
 - To view and update your entitlements, and to link your contracts and warranties with your profile, go to the Hewlett Packard Enterprise Support Center **More Information on Access to Support Materials** page:
www.hpe.com/support/AccessToSupportMaterials

ⓘ **IMPORTANT:** Access to some updates might require product entitlement when accessed through the Hewlett Packard Enterprise Support Center. You must have an HP Passport set up with relevant entitlements.

Hewlett Packard Enterprise security policy

A Security Bulletin is the first published notification of security vulnerabilities and is the only communication vehicle for security vulnerabilities.

- Fixes for security vulnerabilities are not documented in manuals, release notes, or other forms of product documentation.
- A Security Bulletin is released when all vulnerable products still in support life have publicly available images that contain the fix for the security vulnerability.

To find security bulletins:

1. Go to the Hewlett Packard Enterprise Support Center at www.hpe.com/support/hpesc.
2. Enter your product name or number and click **Go**.
3. Select your product from the list of results.
4. Click the **Top issues & solutions** tab.
5. Click the **Advisories, bulletins & notices** link.

To initiate a subscription to receive future Hewlett Packard Enterprise Security Bulletin alerts via email, sign up at:

www4.hpe.com/signup_alerts

Documents

To find related documents, see Hewlett Packard Enterprise Support Center website:

www.hpe.com/support/manuals

- Enter your product name or number and click **Go**. If necessary, select your product from the resulting list.

Websites

Website	Link
Networking websites	
Hewlett Packard Enterprise Networking Information Library	www.hpe.com/networking/resourcefinder
Hewlett Packard Enterprise Networking website	www.hpe.com/info/networking
Hewlett Packard Enterprise Networking My Support	www.hpe.com/networking/support
General websites	
Hewlett Packard Enterprise Information Library	www.hpe.com/info/enterprise/docs
Hewlett Packard Enterprise Support Center	www.hpe.com/support/hpesc
Contact Hewlett Packard Enterprise Worldwide	www.hpe.com/assistance
Subscription Service/Support Alerts	www.hpe.com/support/e-updates
HPE Networking Software	www.hpe.com/networking/software
Customer Self Repair (not applicable to all devices)	www.hpe.com/support/selfrepair
Insight Remote Support (not applicable to all devices)	www.hpe.com/info/insightremotesupport/docs

Customer self repair

Hewlett Packard Enterprise customer self repair (CSR) programs allow you to repair your product. If a CSR part needs to be replaced, it will be shipped directly to you so that you can install it at your convenience. Some parts do not qualify for CSR. Your Hewlett Packard Enterprise authorized service provider will determine whether a repair can be accomplished by CSR.

For more information about CSR, contact your local service provider or go to the CSR website:
www.hpe.com/support/selfrepair

Remote support

Remote support is available with supported devices as part of your warranty or contractual support agreement. It provides intelligent event diagnosis, and automatic, secure submission of hardware event notifications to Hewlett Packard Enterprise, which will initiate a fast and accurate resolution based on your product's service level. Hewlett Packard Enterprise strongly recommends that you register your device for remote support.

For more information and device support details, go to the following website:

www.hpe.com/info/insightremotesupport/docs

Documentation feedback

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