HP 1810 v2 Switches
Software Version PL.1.9 and PM.1.9 Release Notes

Manual Part Number

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SSH on HP Networking Switches is based on the OpenSSH software toolkit. This product includes software developed by the OpenSSH Project for use in the OpenSSH Toolkit. For more information on OpenSSH, visit

  www.openssh.com.

SSL on HP Networking Switches is based on the OpenSSL software toolkit. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. For more information on OpenSSL, visit

  www.openssl.org.

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com)

Disclaimer

Warranty

See the *Software End User License Agreement and Hardware Limited Warranty* booklet, available through **www.hp.com/networking/support**.

A copy of the specific warranty terms applicable to your Hewlett-Packard products and replacement parts can be obtained from your HP Sales and Service Office or authorized dealer.

HP Security Policy and Release Notes

Per HP policy, a Security Bulletin must be the first published notification of a security defect. Fixes to security defects are not documented in release notes, also by HP policy.

The official communication for security defect fixes will always be through HP Security Bulletins. For more information on security bulletins, and information on how to subscribe to them, please see **http://bizsupport2.austin.hp.com/bc/docs/support/SupportManual/c02645131/c02645131.pdf**.

Visit the HP Networking Web site for more information on security and HP Networking products:

  http://h17007.www1.hp.com/us/en/solutions/security/index.aspx

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Description

This software package contains an updated release of software for the HP 1810 v2 switches.

For the latest version of these release notes and HP switch user guides, visit the HP Networking manuals web page:

www.hp.com/networking/support

1. In the first text box, type the product name (e.g. 1810) or product number.

2. Select an appropriate product that displays in the dropdown list.

3. Click the **Display Selected** button.

4. Click **Product support information.**

5. Click **Manuals**.

Update Recommendation

Routine

Supersedes

PL.1.5 and PM.1.5

Product Models

HP 1810-8 v2 Switch (J9800A)
HP 1810-24 v2 Switch (J9801A)
HP 1810-8G v2 Switch (J9802A)
HP 1810-24G v2 Switch (J9803A)

Prerequisites

Operating System and Web Browser Compatibility

The switch Web agent supports the following combinations of OS browsers:

Operating System	Supported Web Browsers
Windows XP SP3	Internet Explorer 7, 8 Firefox 3.0.1, 6, 7, 12, 18, 19, 20 Chrome 13, 14, 25
Windows 7	Internet Explorer 7, 8, 9, 10 Firefox 6, 7, 12, 18, 19, 20 Chrome 13, 14, 24, 25
Macintosh OS	Firefox 6, 7, 18, 19 Chrome 13, 14, 25

Installation Instructions

The *Basic Operation Guide* for your switch provides software installation and management information on the following topics:

- downloading switch documentation and software from the web

- saving configurations while using the CLI

- best practices for software updates

To access the guide, visit the HP Networking manuals web page. (See .)

Issues and Suggested Actions

Versions PL.1.2 and PM.1.2

- **Counters (Bug_000134)** - The **Transmitted Pause Frames** counter does not increment for 10/100 ports.

- **Spanning Tree (Bug_000132)** - On the Status -> Spanning Tree page, ports that belong to a trunk display a role similar to **Part of TRK2**.

Versions PL.1.5 and PM.1.5

- **Transceivers (Bug_000202)** - After hotswapping between 100-megabit and 1-gigabit transceivers, the Link Speed options on the Switching -> Port Configuration page are not updated with all of the valid settings.

- **Transceivers (Bug_000203)** - Transceiver types are not properly recognized when the Link Speed setting is changed from **Auto** to another value.

Fixes

Software fixes are listed in chronological order, from oldest to newest software version. Unless otherwise noted, each new software version includes all the software fixes added in previous versions.

PL.1.2 and PM.1.2 were the first software versions for the HP 1810 v2 switches.

Versions PL.1.3 and PM.1.3

Status: Never released.
The following problem was resolved in software versions PL.1.3 and PM.1.3.

■ **SNMP (Bug_000131)** - The LLDP OID is incorrect in switch software, which results in incorrect network management topology discovery.

Versions PL.1.4 and PM.1.4

Status: Never released.
No problems were resolved in software versions PL.1.4 and PM.1.4.

Versions PL.1.5 and PM.1.5

Status: Released and fully supported, and posted on the web.
The following problem was resolved in software versions PL.1.5 and PM.1.5.

■ **Transceivers (Bug_000171)** - Some SX and LX transceivers are flagged as `unsupported` by the switch.

Versions PL.1.6 and PM.1.6

Status: Released and fully supported, but not posted on the web.
The following problems were resolved in software versions PL.1.6 and PM.1.6.

■ **Config (CR_0000130710)** - A config file that includes untagged ports in a VLAN does not function properly after the config file is saved to a server, then uploaded to the switch, and the switch is rebooted. After reboot, the switch sends tagged frames from those untagged ports. This issue affects all VLANs except VLAN 1.

■ **Link (CR_0000131952)** - The 1810 v2 switches do not establish link when connected with a six-inch cable.

Versions PL.1.7 and PM.1.7

Status: Released and fully supported, but not posted on the web.
The following problems were resolved in software versions PL.1.7 and PM.1.7.

■ **DHCP (CR_0000131448)** - The switch receives a DHCP address from the regular pool instead of the DHCP address that was reserved for the switch's MAC address. This has been observed with Windows 2003 and 2008 servers.

■ **Passwords (CR_0000131590)** - Password changes do not take effect when some valid special characters are used.

■ **Port Access (CR_0000132738)** - The port-to-VLAN mapping is wrongly changed by the switch, after the user changes the management VLAN from the default (VLAN 1) to a different VLAN.

■ **Web Management (CR_0000132739)** - When the user changes the Management VLAN, the switch generates a difficult-to-understand pop-up warning message. This fix improves the warning message.

Versions PL.1.8 and PM.1.8

Status: Released and fully supported, but not posted on the web.
The following problem was resolved in software versions PL.1.8 and PM.1.8.

- **Link (CR_0000134013)** - The client fails to establish link with the switch, if it is moved from a port that was manually configured for 10 Mbps Half-Duplex (or 10 Mbps Full-Duplex) to a port that is configured for auto-negotiation.

Versions PL.1.9 and PM.1.9

Status: Released and fully supported, and posted on the web.
The following problems were resolved in software versions PL.1.9 and PM.1.9.

- **Config (CR_0000141066)** - The switch does not allow spaces in VLAN names. With this fix, spaces are allowed.

- **SNMP (Bug_000293)** - The special characters allowed for SNMP community names do not match the special characters allowed for passwords. With this fix, the same special characters are allowed for SNMP community names and for passwords.

- **Web Management (Bug_000135)** - The settings for Spanning Tree Bridge Configuration list the allowable ranges but not the default values. This fix adds the default values to the text on the webpage.

HP Switch, Routing Switch, and Router Products Software Keys

Software Letter	HP Products
A	Switch 2615-8-PoE and Switch 2915-8G-PoE
C	1600M, 2400M, 2424M, 4000M, and 8000M
CY	Switch 8100fl Series (8108fl and 8116fl)
E	Switch 5300xl Series (5304xl, 5308xl, 5348xl, 5372xl, 5304xl-32G, and 5308xl-48G)
F	Switch 2500 Series (2512 and 2524), Switch 2312, and Switch 2324
G	Switch 4100gl Series (4104gl, 4108gl, 4140gl, 4148gl, and 4160gl)
H	Switch 2600 Series, Switch 2600-PWR Series: H.07.81 and earlier, or H.08.55 and greater, Switch 2600-8-PWR requires H.08.80 or greater. Switch 6108: H.07.*xx* and earlier
I	Switch 2800 Series (2824 and 2848)
J	**J.*xx.xx*.biz** Secure Router 7000dl Series (7102dl and 7203dl)
J	**J.*xx.xx*.swi** Switch 2520G Series (2520G-8-PoE, 2520G-24-PoE)
K	3500 Series, 3500yl Series, 5400zl Series, 6200yl-24G Switch, Switch 6600 Series (6600-24G, 6600-24G-4XG, 6600-24XG, 6600-48G, 6600-48G-4XG), and 8200zl Series Switches
KA	Switch 3800 Series
L	Switch 4200vl Series (4202vl-72, 4202vl-48G, 4204vl, 4204vl-44G-4SFP, 4208vl, 4208vl-96, 4208vl-64G, and 4208vl-68G-4SFP)
M	Switch 3400cl Series: M.08.51 though M.08.97, or M.10.01 and greater; Series 6400cl Series: M.08.51 though M.08.95, or M.08.99 to M.08.100 and greater.
N	Switch 2810 Series (2810-24G and 2810-48G)
P	Switch 1810G (1810G-8, 1810G-24)
PA/PB	Switch 1800G Series (Switch 1800-8G - PA; Switch 1800-24G - PB)
PK	Switch 1810-48G
PL/PM	1810 v2 Switches (1810-8G v2, 1810-24G v2 - PL; 1810-8 v2, 1810-24 v2 - PM)
PS	PS1810 Switches (PS1810-8G, PS1810-24G)
Q	Switch 2510-24
R	Switch 2610 Series (2610-24, 2610-48, 2610-24/12PWR, 2610-24-PWR, and 2610-48-PWR)
RA	Switch 2620 Series
S	Switch 2520 Series (2520-8-PoE, 2520-24-PoE)
T	Switch 2900 Series
U	Switch 2510-48
VA/VB	Switch 1700 Series (Switch 1700-8 - VA and Switch 1700-24 - VB)
W	Switch 2910al Series
WA	HP Access Point 530
WB	Switch 2920 Series
WM	HP Access Point 10ag
WS	HP Wireless Edge Services xl Module and the HP Redundant Wireless Services xl Module
WT	HP Wireless Edge Services zl Module and the HP Redundant Wireless Services zl Module
Y	Switch 2510G Series (2510G-24 and 2510G-48)
YA	2530 Switches (2530-48, 2530-48-PoE+, 2530-8G, 2530-24G, 2530-48G, 2530-8G-PoE+, 2530-24G-PoE+, 2530-48G-PoE+)

Software Letter	HP Products
YB	2530 Switches (2530-8, 2530-24, 2530-8-PoE+, 2530-24-PoE+)
Z	HP 6120G/XG and 6120XG Blade Switches
numeric	Switch 9408sl, Switch 9300 Series (9304M, 9308M, and 9315M), Switch 6208M-SX and Switch 6308M-SX (Uses software version number only; no alphabetic prefix. For example 07.6.04.)

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