



# Release Notes:

## Version P.2.2 Software

### *for HP 1810G Switches*

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Version P.2.2 supports the HP 1810G-8 (J9449A) and 1810G-24 (J9450A) switches.

These release notes include information on the following:

- Downloading switch software and documentation from the Web ([page 3](#))
  - Updating switch software ([page 3](#))
  - Support notes and clarifications for selected software features ([page 12](#))
  - Known Issues for a version ([page 13](#))
  - A listing of software enhancements in these versions ([page 15](#))
  - A listing of software fixes included in versions ([page 17](#))
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## Related Publications

- *HP 1810G Switches Management and Configuration Guide*

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#### **Applicable Products**

HP Switch 1810G-8	(J9449A)
HP Switch 1810G-24	(J9450A)

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# Software Management

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## Software Updates

Check the HP Web site frequently for switch software updates.

## Downloading Switch Documentation and Software from the Web

You can download software updates and the corresponding product documentation from the HP Web site as described below.

### To Download a Software Version:

Go to the HP Web site at [www.hp.com/networking/support](http://www.hp.com/networking/support).


### To View or Download Product Documentation:

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**Note** You will need the Adobe® Acrobat® Reader to view the product documentation.

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Go to the HP Web site at [www.hp.com/networking/support](http://www.hp.com/networking/support).

1. Select the product for which you want documentation.
2. On the resulting Web page, double-click on a document you want.
3. When the document file opens, click on the disk icon  in the Acrobat® toolbar to save a copy of the file.

## Updating the Switch Software

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**Note** To update from P.1.x (where  $x \leq 19$ ) to P.2.x, you must update to P.1.20 first. Therefore, this is a two-step update:

1. Update P.1.x to P.1.20.
2. Update P.1.20 to P.2.x.

Both these update paths and the path to downgrade from P.2.x to P.1.x are described below.

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## Use Update Manager to Update/Downgrade Switch Software

Update Manager enables a new image or configuration file to be downloaded from a local or network system to the switch. To access this page, click **Maintenance > Update Manager** in the navigation pane.

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**Note** Downloading new software does not change the current switch configuration. The switch configuration is contained in a separate file that can also be uploaded or downloaded (for example, as backup, or for use in another switch of the same model).

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Update Manager displays different options depending on the transfer protocol, file, or image type selected for an update. In the example in [Figure 1](#), the inactive (or “Backup”) image on the switch is being updated with the file named *switchdrv.stk* from a TFTP server. For example, if the *image1* file is being used as the currently-active image running on the switch, then *image2* is the backup image file to be updated. To check the software version in each image, and to determine which image is currently active, use the Status > Dual Image screen.

**Figure 1. Update Manager Page**

**Table 2. Update Manager Fields**

Field	Description
<b>Update Method</b>	Select the protocol to use: <ul style="list-style-type: none"> <li><b>HTTP</b>—The file is downloaded using HTTP from a local or remote drive.</li> <li><b>TFTP</b>—The file is downloaded using TFTP from a TFTP server operating on the system/network.</li> </ul>
<b>Browse for file</b> (HTTP download only)	If HTTP is used for the software download, click <b>Browse</b> to select the designated file. <b>Note:</b> If the file name differs from the default name on the switch, the file will be renamed to the default name when downloaded.
<b>Server IP</b> (TFTP download only)	If a TFTP download is performed, enter the IP address of the TFTP server.
<b>File Name</b> (TFTP download only)	If a TFTP download is performed, enter the name of the software file on the TFTP server.
<b>Update Type</b>	Select the file type to be updated: <ul style="list-style-type: none"> <li><b>Code</b>—Update the software image file.</li> <li><b>Configuration</b>—Update the configuration file.</li> <li>To update an SSL certificate or key encryption file, select the certificate type (for a description of these files, see the <i>Management and Configuration Guide</i> for your switch).</li> <li><b>SSL Trusted Root Certificate PEM File</b>—SSL Trusted Root Certificate File which is encoded using the Privacy Enhanced Mail (PEM) protocol.</li> <li><b>SSL Server Certificate PEM File</b>—SSL Server Certificate File (PEM-encoded).</li> <li><b>SSL DH Weak Encryption Parameter PEM File</b>—SSL Diffie-Hellman Weak Encryption Parameter File (PEM encoded).</li> <li><b>SSL DH Strong Encryption Parameter PEM File</b>—SSL Diffie-Hellman Strong Encryption Parameter File (PEM encoded).</li> </ul>

Field	Description
<b>Image</b> (for Code updates only)	<p>If <b>Code</b> is selected as the update type, select which of the two images stored on the switch is to be updated:</p> <ul style="list-style-type: none"> <li>• <b>Active</b>—The downloaded image will replace the currently active image.</li> <li>• <b>Backup</b>—The downloaded image will replace the backup image.</li> </ul>

## Updating the Switch Software to P.1.x

### CAUTION

It is recommended that you back up the image file before updating it. For information on Backup Manager, see the *Management and Configuration Guide* for your switch.

Follow these instructions to update the switch software (that is, a firmware code image):

1. In the **Update Method** field, select the protocol to use to upload the file to the system. If the file is located on a local or network drive, select **HTTP**. If the file is located on a TFTP server, select **TFTP**.
2. If TFTP is selected, specify the IP address of the TFTP server and the name of the file as it appears on the server.  
If HTTP is selected, browse to locate the file on your network or local drive.
3. In the Update Type field, select **Code**.
4. In the **Image** field, choose **Backup** or **Active**.  
If you choose **Backup**, the inactive (backup) image file will be updated. In the example in [Figure 1 on page 4](#), the Backup image file is selected for update.

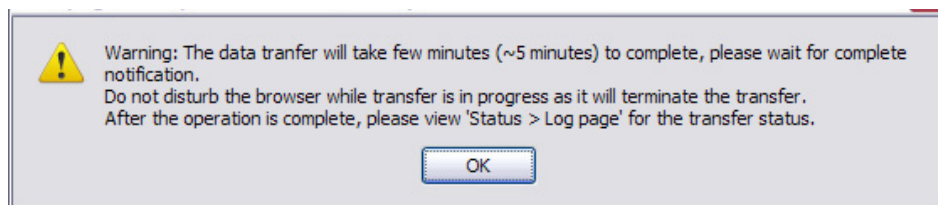
If you choose **Active**, the active image file will be updated. To check the software version in each image, and to determine which image is currently active, use the Status > Dual Image screen.

### Note

When updating to P.1.20, the new switch software should always be downloaded to Image1. Any other P.1.x may be loaded on Image1 or Image2.

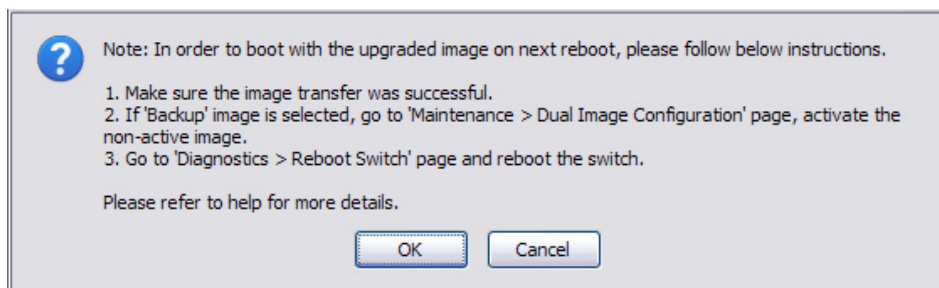
5. Click **Download**.

A warning page like the following displays (the text may differ depending on the protocol selected):



6. Click **OK**.

The following page displays:



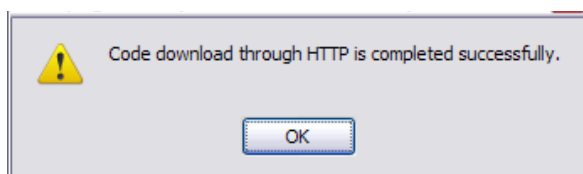
7. Click **OK**.

The following message displays on the Update Manager page:

**Code (Configuration) download through HTTP (TFTP) is in Progress.**

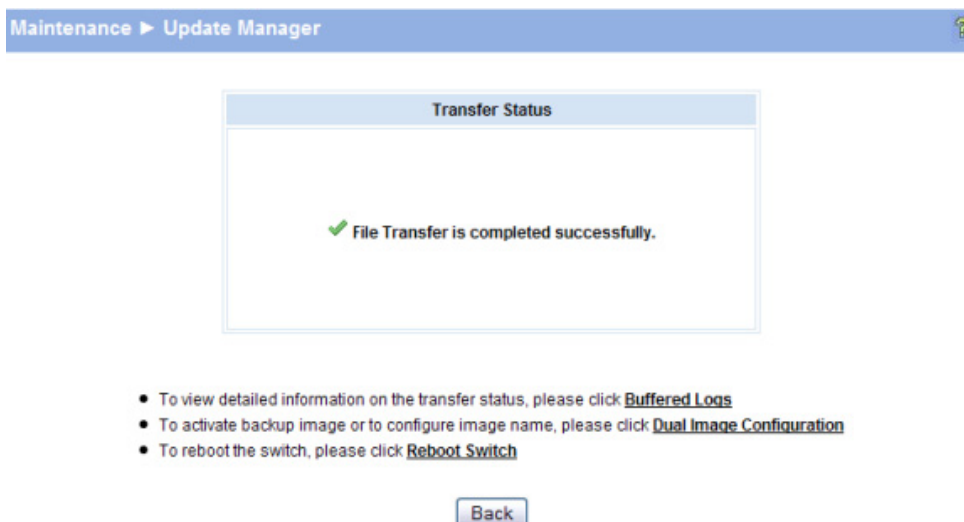
**Please wait...**

When the transfer is complete, a window like the following displays:



8. Click **OK**.

Update Manager displays the following status message:



9. Click **Back** to redisplay the Update Manager page.

Note that in this example, the image was downloaded as the inactive (backup) image. To complete the update process and to activate the backup image as the operating software, use the Dual Image Configuration page.



In the following example, *Image1* is the active image, and *Image2* is the newly updated backup image. *Image2* is to be activated on the next reboot (and *Image1* will become the inactive backup image).

Dual Image Configuration	
Image Name	Image2
Active Image	image1
Image Description	Rel_06-15-09 (0 to 32 characters)
Image Version	P.1.5

[Activate](#)
[Delete](#)
[Apply](#)

10. (Optional) Add a description for the selected image (*Image2*) and click **Apply**.

11. Click **Activate** to activate the selected image on the next reboot.

You can verify the next active image prior to rebooting the switch by viewing the Status > Dual Image screen.

12. Click **Diagnostics > Reboot Switch**, and then click **Reboot Switch** to complete the update.

[Refresh](#) | [Support](#) | [Logout](#)

**Diagnostics > Reboot Switch**

**Reboot**  
This page allows you to reboot the switch with an option of saving the current configuration.

Save Configuration ☒

[Reboot Switch](#)

Wait about a minute, then refresh your browser to redisplay the Web interface.

Upon reboot, the previously-active image (*Image1*, in this example) will become the inactive (backup) image.

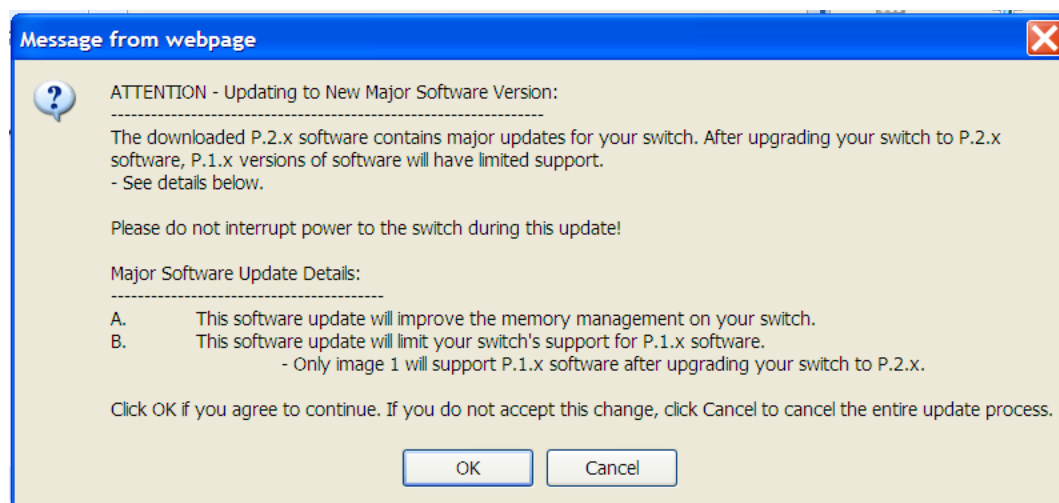
## Updating the Switch Software P.1.x to P.2.x

### Note

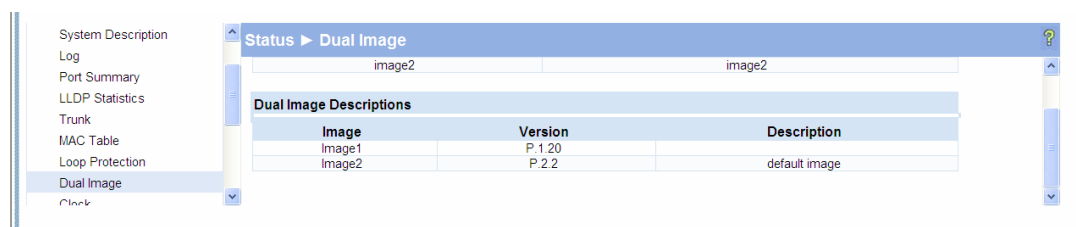
Before updating to P.2.x you must first update to P.1.20 (on Image1) following the procedure described above.

In addition, the initial update to P.2.x is allowed on the Image2 location only. After the switch is booted with P.2.x in Image2, P.2.x software versions can be loaded onto either Image1 or Image2.

Update to P.2.x (on Image2) following the procedure described above. Once P.2.x has been downloaded, the following message is displayed.



After the download, activate P.2.x and reboot the switch. At this point you can verify the switch software versions by viewing the Status > Dual Image screen. It will look as follows:

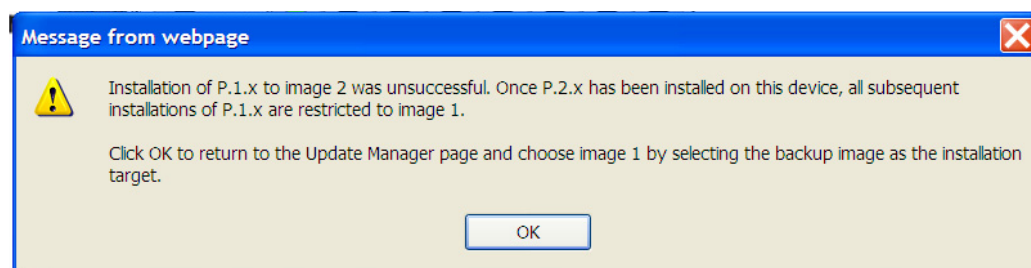


## Downgrading the Switch Software P.2.x to P.1.x

Once the switch has been updated to P.2.x, only Image1 will support P.1.x software. Therefore, to downgrade to P.1.x, the software must be loaded to Image1. If you attempt to downgrade by loading P.1.x on Image2, switch behavior differs depending on the software installed on Image1. The differing behaviors are described below.

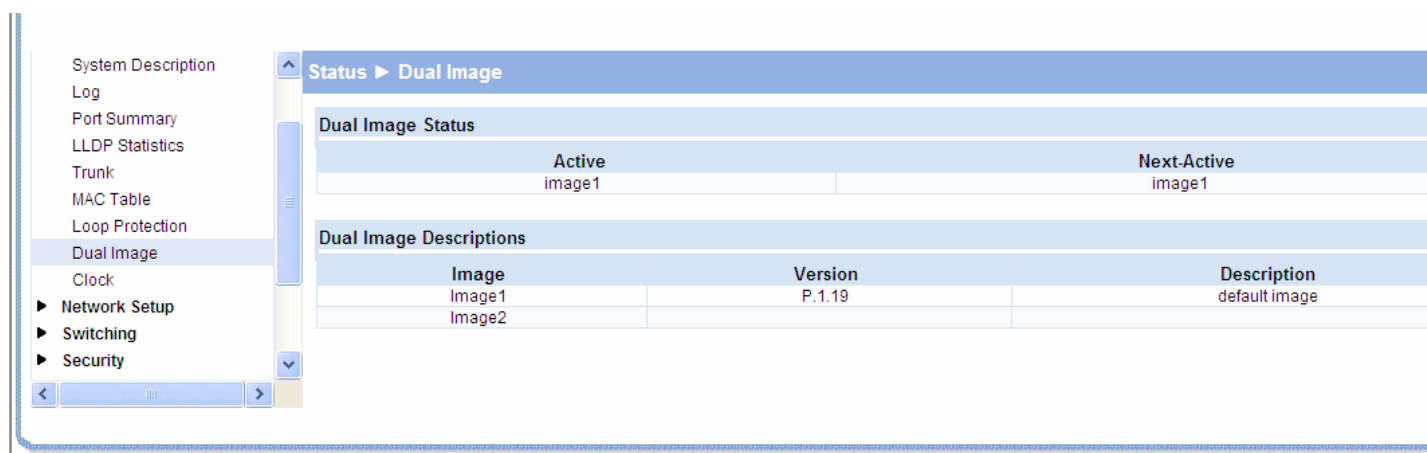
### Downgrading the Switch Software with P.1.20 Installed on Image1.

As long as Image1 has P.1.20 installed, any attempt to load P.1.x to Image2 will fail and the following message is displayed:

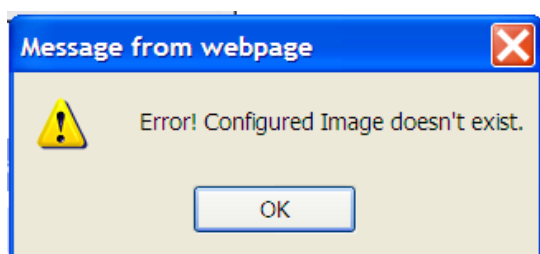


### Downgrading the Switch Software with P.1.x (where x <=19) Installed on Image1.

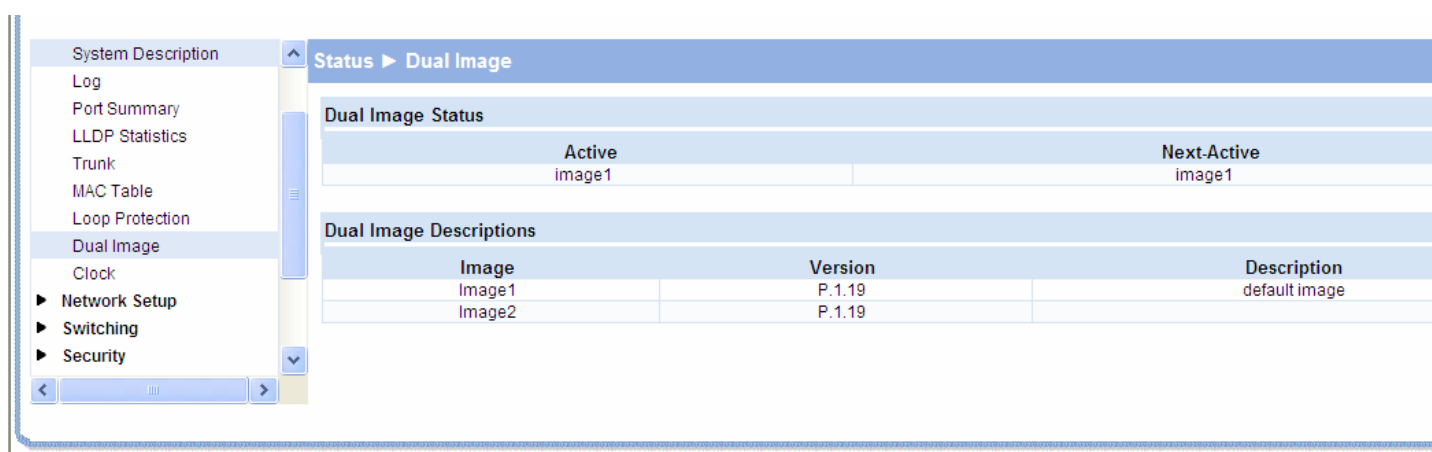
Once you have successfully downgraded switch software by downloading P.1.x (where x <=19) to Image1, activating Image1, and booting into P.1.x on Image1, the switch can no longer recognize the P.2.x software loaded on Image2. The Status > Dual Image screen will show the following even though P.2.x is still installed on Image2:



In this situation, Image2 cannot be updated, activated or deleted. In fact, if you try to activate Image2 from the Maintenance->Dual Image Configuration screen, the following message is displayed:



Now if you attempt to load P.1.x to Image2, the download will appear to work. For example, if you download P.1.19 on Image2, with P.1.19 already on Image1, the Status > Dual Image screen will show the following before Image2 is activated and the switch is rebooted.



Next activate Image2 and reboot the switch. Now the Status > Dual Image screen will show the following, and illustrates that in reality, P.2.2 never does get uninstalled from Image2:

## Software Management

### Updating the Switch Software

System Description

Log

Port Summary

LLDP Statistics

Trunk

MAC Table

Loop Protection

Dual Image

Clock

► Network Setup

► Switching

► Security

◀

▶

^

Status ► Dual Image

▼

Dual Image Status

Active	Next-Active
image2	image2

Dual Image Descriptions

Image	Version	Description
Image1	P.1.19	
Image2	P.2.2	default image

## HP Software Code Designations Keys

Software Letter	HP Networking Products
<b>A</b>	Switch 2615-8-PoE and Switch 2915-8G-PoE
<b>C</b>	1600M, 2400M, 2424M, 4000M, and 8000M
<b>CY</b>	Switch 8100fl Series (8108fl and 8116fl)
<b>E</b>	Switch 5300xl Series (5304xl, 5308xl, 5348xl, and 5372xl)
<b>F</b>	Switch 2500 Series (2512 and 2524), Switch 2312, and Switch 2324
<b>G</b>	Switch 4100gl Series (4104gl, 4108gl, and 4148gl)
<b>H</b>	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
<b>I</b>	Switch 2800 Series (2824 and 2848)
<b>J</b>	<b>J.xx.xx.biz</b> Secure Router 7000dl Series (7102dl and 7203dl)
<b>J</b>	<b>J.xx.xx.swi</b> Switch 2520G Series (2520G-8-PoE, 2520G-24-PoE)
<b>K</b>	Switch 3500yl Series (3500yl-24G-PWR and 3500yl-48G-PWR), Switch 6200yl-24G, 5400zl Series (5406zl, 5406zl-48G, 5412zl, 5412zl-96G), Switch 8212zl and Switch 6600 Series (6600-24G, 6600-24G-4XG, 6600-24XG).
<b>L</b>	Switch 4200vl Series (4204vl, 4208vl, 4202vl-72, and 4202vl-48G)
<b>M</b>	Switch 3400cl Series (3400-24G and 3400-48G): M.08.51 through M.08.97, or M.10.01 and greater; Series 6400cl (6400cl-6XG CX4, and 6410cl-6XG X2): M.08.51 through M.08.95, or M.08.99 to M.08.100 and greater.
<b>N</b>	Switch 2810 Series (2810-24G and 2810-48G)
<b>P</b>	Switch 1810G (1810G-8, 1810G-24)
<b>PA/PB</b>	Switch 1800 Series (Switch 1800-8G – PA.xx; Switch 1800-24G – PB.xx)
<b>Q</b>	Switch 2510 Series (2510-24)
<b>R</b>	Switch 2610 Series (2610-24, 2610-24/12PWR, 2610-24-PWR, 2610-48 and 2610-48-PWR)
<b>S</b>	Switch 2520 Series (2520-8-PoE, 2520-24-PoE)
<b>T</b>	Switch 2900 Series (2900-24G and 2900-48G)
<b>U</b>	Switch 2510-48
<b>W</b>	Switch 2910al Series (2910al-24G, 2910al-24G-PoE+, 2910al-48G, and 2910al-48G-PoE+)
<b>VA/VB</b>	Switch 1700 Series (Switch 1700-8 - VA and 1700-24 - VB)
<b>WA</b>	ProCurve Access Point 530
<b>WM</b>	ProCurve Access Point 10ag
<b>WS</b>	ProCurve Wireless Edge Services xl Module and the ProCurve Redundant Wireless Services xl Module
<b>WT</b>	ProCurve Wireless Edge Services zl Module and the ProCurve Redundant Wireless Services zl Module
<b>Y</b>	Switch 2510G Series (2510G-24 and 2510G-48)
<b>Z</b>	ProCurve 6120G/XG and 6120XG Blade Switches
<b>numeric</b>	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.)

## Support Notes and Clarifications

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### Version P.1.6

*Version P.1.6 is the original version.*

### Version P.1.8

- **SNTP pass-through** — When Auto DoS is enabled, the SNTP packets with identical IPv4 source port and destination port numbers are dropped in accordance with the DoS rules. In such a case, an SNTP client cannot communicate to the SNTP server if connected through the 1810G switch.
- **Backup** — When the user attempts to do a backup operation using Internet Explorer from a secure HTTP session using HTTP protocol, the user may receive the following error message, even though the document is available and downloaded from the server:

"Internet Explorer cannot download <filename> from <sitename>. Internet Explorer was not able to open this Internet site. The requested site is either unavailable or cannot be found. Please try again later."

This happens due to Internet Explorer security limitations and the latest Internet Explorer versions may not have this problem. To successfully perform the operation, the user must configure the following settings in the browser:

- i. Click **Internet Options** and display the **Advanced** tab.
- ii. Enable the **Do not save encrypted pages to disk** option in the Security section.
- iii. Then, try the Backup operation again.
- iv. After the Backup operation is complete, the user should undo the above settings to avoid Web performance issues.

# Known Issues

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## Version P.1.6

- **SNMP (237796)** — The switch is not recognized by PCM 3.0.
- **Event Log (234683)** — The log file displays the most recent 100 events and does not allow the user to navigate to any other entries, even when it indicates there are far more entries present.
- **Help Files (237801)** — Help text and pop-up dialogs have some spelling errors.
- **Event Log (237794)** — Log file messages related to mini-GBIC support are unclear.
- **Login (245273)** — When logging into the switch, entry of the password followed by the <Enter> key will not allow login. The **Login** button on the Web page must be selected for entry of credentials.
- **VLAN (700105824)** — When a port is removed from a trunk, the port's VLAN assignment is not returned to VLAN 1.
- **Trunking (237812)** — Once a port has been used for port mirroring, if the global port mirroring configuration is removed, the port is not available for inclusion in a trunk group. This is expected behavior — the user must manually remove ports from the port mirror configuration before ports become available for trunk configuration.
- **Support File (245271)** — The support file does not contain Port Summary or Port/Trunk Statistics.
- **Port Mirroring** — In the **Switching > Port Mirroring** Web screen, the screen title path will display the prior screen viewed rather than “Switching > Port Mirroring”.

## Version P.1.8

- **Mirroring (PR\_0000030391)** — When multiple ports are mirrored to a single port, if a scenario arises when packets ingressing one of the mirrored ports egresses the other mirrored port, only one copy of that packet would be sent to the mirror port (even though ingress and egress mirroring are in effect on two different ports in the same session). Additionally, in the case of unknown destination addresses (DAs) and broadcasts egressing the multiple mirrored ports, only one copy of the packet will be seen on the mirror port, even though the same packet goes out the multiple mirrored ports.
- **Software Update (107626)** — While performing a software update through secure HTTP session using HTTP protocol, Internet Explorer version 7 displays "The web site can not display page" after the update operation is complete. Selecting 'refresh link' will display the completion notification.
- **Mirroring (106949)** — In a mirroring session, the CPU port fails to mirror transmitted packets if it is configured as a source port.
- **MAC table (42193)** — MAC addresses can take longer than the configured age time to age from the hardware MAC table. If the age time has not been modified, it can take up to twice the age time to delete the MAC address. If the age time has been modified, it can take up to three times the age time to delete the MAC address.

## Version P.1.16

- **Jumbo Frames** — If the saved configuration is "Enable Jumbo Frames" and the user disables jumbo support followed by a "Reboot Switch" with "Save Configuration" checked, the configuration will not be properly saved.
- **Trunking (237812)** — Ports are unavailable for participation in a port trunk if they were once part of a port mirroring configuration. Even when the port mirror is disabled, if the Source or Destination Port remains configured, those ports will be unavailable for trunking. To make those ports available for trunking, completely remove the port mirror configuration.



# Enhancements

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Unless otherwise noted, each new version includes the enhancements added in all previous versions.

Enhancements are listed in chronological order, oldest to newest software version.

## Version P.1.8 Enhancements

### ■ **SNMP (237796)**

The switch is now recognized by PCM 3.0.

### ■ **Event Log (237794)**

Log file messages related to mini-GBIC support have been clarified.

## Version P.1.14 Enhancements

### ■ **Support File Enhancement (245271)**

#### **Missing port summary and trunk statistics**

Port summary and trunk statistics are missing from the support file. This fix adds that output to improve problem diagnosis and monitoring.

### ■ **Login Enhancement (245273)**

#### **Use of the Enter key after credentials are typed in**

The login page does not allow the use of the Enter key after credentials are typed in; it requires the user to click the Login button. This fix enables <Enter> to be used as an alternative to clicking Login.

### ■ **EAPOL Enhancement (253366)**

#### **EAPOL frame handling**

Prior to this software version, the switch would drop all EAPOL frames by design. This enhancement allows the switch to process and forward EAPOL frames.

## Version P.1.16 Enhancements

### ■ **SNMP Enhancement (PR\_0000049680)**

#### **SNMP functionality enhancements**

Enhancements were made to SNMP functionality, including the ability to change the read community name or disable SNMP access altogether. The help text for this functionality has not yet been implemented. These parameters can now be configured:

- **Enable** — Allows user to enable or disable SNMP Get capability. (Default: Enabled)
- **Name** — Community Name. The SNMP V2 Community of which this device is a member. (Default: "public").

## Version P.1.18 Enhancements

- **Enhancement (PR\_0000052784)**

### **Saving Configuration Changes**

Approximately one minute after a user makes configuration changes, the changes are automatically saved. Prior to this enhancement, to save configuration changes the user was required to access the Maintenance menu and select the **Save Configuration** option.

- **Enhancement (PR\_0000054152)**

### **AutoDoS, Storm Control, and Flow Control settings**

The support file now displays settings for AutoDoS, Storm Control, and Flow Control.

# Software Fixes

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Software fixes are listed in chronological order, oldest to newest software version.

Unless otherwise noted, each new version includes the fixes added in all previous versions.

P.1.6 was the first software version for HP 1810G switches.

## Version P.1.6

Status: Initial version.

No problems were resolved in software version P.1.6.

## Version P.1.7

Status: Never released.

No problems were resolved in software version P.1.7.

## Version P.1.8

Status: Released and fully supported, and posted on the Web.

The following problems were resolved in software version P.1.8.

- **SNMP (237796)** — The switch is not recognized by PCM 3.0.
- **Help Files (237801)** — Various help text screens and pop-up dialogs have had spelling errors.
- **VLAN (700105824)** — When a port is removed from a trunk, the port's VLAN assignment is not returned to VLAN 1.
- **Port Mirroring** — In the **Switching > Port Mirroring** Web screen, the screen title path will display the prior screen viewed rather than “Switching > Port Mirroring”.

## Versions P.1.9 through P.1.13

Status: Never released.

No problems were resolved in software versions P.1.9 through P.1.13.

## Version P.1.13

Status: Released and fully supported, and posted on the Web.

The following problems were resolved in software version P.1.13.

- **Firmware update (PR\_0000046970)** — Firmware image updates fail, and the Active Image field is blank. The switch may report “insufficient memory.” Please note that this fix prevents the switch from reaching a state in which the ability to update an image is lost but does not recover a switch that is currently experiencing this problem. Please contact support for further assistance with this issue.
- **Configuration/Crash (268819)** — Configuration saves may fail, the switch may reboot when an attempt is made to save the configuration, or the switch may reach a state in which it reboots repeatedly.

## Version P.1.14

Status: Released and fully supported, and posted on the Web.

The following problems were resolved in software version P.1.14.

- **Support File Enhancement (245271)** — Port summary and trunk statistics are missing from the support file. This fix adds that output to improve problem diagnosis and monitoring.
- **Login Enhancement (245273)** — The login page does not allow the use of the Enter key after credentials are typed in; it requires the user to click the Login button. This fix enables <Enter> to be used as an alternative to clicking Login.
- **EAPOL Enhancement (253366)** — Prior to this software version, the switch would drop all EAPOL frames by design. This enhancement allows the switch to process and forward EAPOL frames.
- **Management (245275)** — When the user is removing ports from the VLAN on which the switch management is enabled, the user should be warned that connectivity to the switch management interface may be lost. This fix adds a Cancel option in the popup with the warning message.
- **LLDP (245276)** — The Web page titled Remote Device Summary Page should more accurately be titled LLDP Remote Device Summary Page.
- **Initialization** — During switch startup, the switch attempts to load files that contain SSL security files from the file system. If the files are not found the system creates these files. During this process, the system response is very slow and system initialization duration is found to be longer than expected.
- **Web UI** — The Network Setup page shows "Session Timeout" value to be in seconds. The parameter is actually defined in minutes. This fix changes the text to accurately define the value in minutes.
- **Performance** — Wirespeed tests indicated a small amount of frame loss (0.02%) when using random sized frames. The inter-frame gap was changed to correct this problem.

## Version P.1.15

Status: Never released.

The following problems were resolved in software version P.1.15.

- **Flow Control** — When Flow Control is enabled, broadcast traffic sent to the CPU cannot be processed quickly enough. The CPU path fills up and exerts back-pressure on the ingress port, resulting in flow control constraints expressed to the link partner.
- **Web Management (PR\_0000047608)** — The CPU periodically sends out broadcast traffic to all active ports on the management VLAN. If a port goes link down as the CPU is preparing to send the packet, a chance exists that the CPU transmit channel will become unresponsive, resulting in loss of switch management.

## Version P.1.16

Status: Released and fully supported, and posted on the Web.

The following problems were resolved in software version P.1.16.

- **Crash** — The switch may reboot unexpectedly when it receives a specific type of information during the DHCP negotiation process.
- **Crash (PR\_0000047608)** — The switch may reboot unexpectedly after long periods of stress from conditions such as multiple network loops.

- **Enhancement (PR\_0000049680)** — Enhancements were made to SNMP functionality, including the ability to change the read community name or disable SNMP access altogether. The help text for this functionality has not yet been implemented.
- **Flow Control** — When ports 1-8 are configured with a port speed of 10 or 100 Mbps, flow control does not operate. Note that if the port is configured to auto-negotiate link speed, flow control functions correctly.
- **Flow Control** — If a port is receiving a very high rate of multicast or broadcast traffic and the switch is trying to relay that traffic to a slower speed port, flow control will not function properly on the higher speed port.
- **SNMP (PR\_0000050155)** — The switch allows SNMPSET actions on certain objects. This fix makes those objects read-only.
- **Software Update** — Failure to update a backup image may occur, leaving the backup image field blank. This happens if an error occurs during an image update and the switch stores a corrupt or partial image. In rare circumstances, both active and backup images may become corrupt.
- **Software Update** — In some instances, a power failure during image update could prevent the switch from being able to update the backup image even after a power cycle.
- **Spanning Tree (PR\_0000050043)** — Note that the 1810G switches do not support Spanning Tree; this item describes the behavior related to BPDU passing. Prior to this fix, spanning tree BPDUs are flooded out all ports regardless of VLAN membership. This fix implements a strategy where BPDUs are only flooded out all ports on the VLAN from which they are received.

## Version P.1.17

Status: Released and fully supported, and posted on the Web.  
The following problems were resolved in software version P.1.17.

- **Mini-GBIC (PR\_0000050040)** — In some situations, the J4859C Gigabit-LX-LC Mini-GBIC will fail to operate after insertion into a J9450A HP 1810G-24 Switch. The 1810G port LED flashes, and the switch reports `Transceiver type UNSUPPORTED`. After this event, the transceiver will not initialize in other HP switches.

## Version P.1.18

Status: Released and fully supported, but not posted on the Web.  
The following problems were resolved in software version P.1.18.

- **Address Aging (PR\_0000050154)** — Although the MAC address aging timer is set for 300 seconds, the switch takes much longer than 300 seconds to age out a learned MAC address.
- **Config (PR\_0000053846)** — The IP address of the switch can be changed from the default 192.168.2.10, but the new IP address cannot be saved until the default gateway address is changed from the default of 0.0.0.0.
- **Config (PR\_0000053869)** — If the user configures a new default gateway address on the switch, and saves the configuration with the **Apply** button or by accessing the Maintenance menu and selecting the **Save Configuration** option, the new gateway address is not used until the switch is rebooted.
- **Enhancement (PR\_0000052784)** — Approximately one minute after a user makes configuration changes, the changes are automatically saved. Prior to this enhancement, to save configuration changes the user was required to access the Maintenance menu and select the **Save Configuration** option.
- **Enhancement (PR\_0000054152)** — The support file now displays settings for AutoDoS, Storm Control, and Flow Control.

- **File Transfer (PR\_0000054155)** — FTP and NFS sessions that communicate through the switch might fail when AutoDoS is enabled.
- **LACP (PR\_0000049725)** — A dynamic LACP trunk recovers within 2-3 seconds when one port of the trunk is disconnected, but takes almost 30 seconds to reinitialize the trunk when the port is reconnected.
- **SNMP (PR\_0000052145)** — The switch displays incorrect values for learned MAC addresses when queried via SNMP. Also, the switch displays an incorrect status of learned MAC addresses when queried via SNMP.
- **SNMP (PR\_0000053758)** — The "ifInOctet" and "ifOutOctet" counters do not increment above 2 billion (2,147,483,647), and after they reach 2 billion, they do not begin again at zero for several hours.

## Version P.1.19

Status: Released and fully supported, but not posted on the Web.  
The following problem was resolved in software version P.1.19.

- **SNMP (PR\_0000057076)** — An SNMP "get next" request returns incorrect values when the SNMP request includes the interface number (ifIndex).

## Version P.2.1

Status: Released and fully supported, but not posted on the Web.  
The following problems were resolved in software version P.2.1.

- **LLDP (PR\_0000061756)** — The switch provides incorrect LLDP values to neighbor switches.
- **SNMP (PR\_0000061888)** — The switch stores incorrect information in the Bridge MIB table.

## Version P.2.2

Status: Released and fully supported, and posted on the Web.  
The following problem was resolved in software version P.2.2.

- **Loop Protection (PR\_0000064159)** — A port that is configured for loop protection and is administratively disabled will be wrongly enabled when a device is connected to that port.



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