

Read Me First

for the HP ProCurve 5400zl Switches
Software Version K.11.09 or greater

*Switches having any of the J9307A, J9308A, J9309A, or J9478A modules installed require a later minimum software version. Refer to “Minimum Supported Software Version” on

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About Your HP ProCurve Series 5400zl Switch Manual Set

The switch manual set includes the following:

Document	Available on the ProCurve Web Site	Shipped With the Switch
<i>Read Me First</i> (this document) ¹	Yes	Yes
<i>Installation and Getting Started Guide</i> ¹	Yes	Yes
<i>Management and Configuration Guide</i> ¹	Yes	No
<i>Advanced Traffic Management Guide</i> ¹	Yes	No
<i>Multicast and Routing Guide</i> ¹	Yes	No
<i>Access Security Guide</i> ¹	Yes	No
<i>Command Line Interface Reference Guide</i> ^{1,2}	Yes	No
<i>Event Log Message Reference Guide</i> ^{1,2}	Yes	No
<i>PoE Planning and Implementation Guide (for Power over Ethernet) Devices</i> ¹	Yes	No
<i>Release Notes</i> (for software updates) ¹	Yes	No

¹The latest edition is always available in PDF format and downloadable as described in “View or Download the Software Manual Set” on page 2.

²For software release K.12.xx or greater.

View or Download the Software Manual Set

For a complete set of manuals for your HP ProCurve product installation, software features, and configuration information, visit the HP ProCurve Web site, where you can freely view or download the latest manuals for your product. To do so:

1. Go to www.hp.com/go/procurve/manuals
2. To display the list of downloadable manuals, click on the following link. **HP ProCurve 5400zl switch series** (You may want to bookmark this Web page for easy access in the future.)

HP ProCurve Software Tools that Provide Network Management

HP ProCurve Manager and HP ProCurve Manager Plus provide basic-to-advanced device-handling capabilities such as mapping, configuration and monitoring across LAN and Wireless LAN networks in order to improve productivity and simplify management. ProCurve Manager and a 60-day trial of ProCurve Manager Plus are available for free on the ProCurve Networking Web site. Also available on the ProCurve Web site are 60-day free trials of Mobility Manager, Identity-Driven Manager, and Network Immunity Manager. To download any of these options, visit www.hp.com/go/procurve/software and click on **Network Management**.

Software Updates



HP ProCurve Networking provides software updates on the ProCurve Web site for your switch. To access the software updates, go to the HP ProCurve Web site at www.hp.com/go/procurve/software, then click on **Switches** to go to the page that has the download for your switch.

Register for Automatic Notification of Updates. You can receive email notices of new software updates by registering your ProCurve product on the ProCurve Web portal. To begin this easy process, go to www.hp.com/go/procurve and click on **My ProCurve Sign In**.

To determine whether you have the latest software, you can compare the software version that is available on the web site with the version that is currently installed on your switch. Follow the instructions below to determine the current software version on your switch.

To Determine the Current Software Version in Your Switch. Use any of the following methods to view the software version:

- Start a console session with the switch. In the console login screen (the first screen displayed), the **Software revision** line under the switch name shows the software version.
- If you already have a console session going, at the prompt enter the **show version** command. The resulting display lists the current software version.
- In the web browser interface, click on the **Identity** tab. The current software version is listed as the **revision** number in the **Version** line.

Premium Software Features

Additional Premium software features for this switch can be acquired by purchasing a Premium software license and installing it on the switch.

For the most current information about the features included in the Premium license package, refer to the release notes for your switch on the HP ProCurve Networking Web site at www.hp.com/go/procurve/manuals. The Premium license is available from your ProCurve reseller.

Saving the Configuration After Installing or Exchanging a Module

The following cases automatically result in a change to the running-configuration on your switch:

- Replacing a module with another module of a different type and then rebooting the switch
- Installing a module in a slot that has not previously been used (including when you install a module and apply power to the switch for the first time)

If you want to save such changes to permanent memory (startup-configuration file), use the **write memory** command in the switch's command line interface (CLI). This causes the switch to use the current new hardware configuration for subsequent reboots. (The switch always reboots from the startup-configuration file.)

If you do not save hardware changes to the startup-configuration file, you will be prompted with the following message the next time you use the **boot** or **reload** command:

```
Do you want to save the current configuration [y/n]?
```

For more information on switch memory, including the startup-config and running-config memories, refer to the *Management and Configuration Guide*. For the latest version of ProCurve switch documentation, visit www.hp.com/go/procurve/manuals.

Module Hot Swap Operation Notes

One of the features of your 5400zl switch is the ability to “hot swap” the switch modules. You can install, exchange, or remove modules after the switch has been powered on. Whenever a module is installed during this process, it is initialized and tested for correct operation. During this process, the switch Self Test LED is on. If you hot swap another module while the switch is initializing and testing the first module, it is possible to cause the first module or the entire switch to be reset.

Hot Swap Precautionary Procedures. To prevent the modules or switch from being reset when you must hot swap multiple modules, follow these simple precautions:

- Before removing or installing any modules, make sure that all network cables are disconnected from the module. Do not remove any modules from the switch while the switch Self Test LED is lit.

Minimum Supported Software Version

Switches having any of the J9307A, J9308A, J9309A, J9478A modules installed must run the K.14.xx software version that is available on the HP ProCurve website as of September 1, 2009. The J9447A and J9448A 5400zl switch bundles are shipped from the factory with the required minimum software version installed. To download the latest software version, go to www.hp.com/go/procurve/software, and click on **Switches**.

Mini-GBIC Operation Notes

Revision “B” or later mini-GBICs only. This product requires revision “B” or later mini-GBICs (product number ends with the letter “B” or later, for example J4858B or J4859C). These switches do not support revision “A” mini-GBICs.

Use only genuine ProCurve mini-GBICs. Non-HP ProCurve mini-GBICs are not supported. Use of genuine products ensures that your network maintains optimal performance and reliability. Should you require additional HP ProCurve mini-GBICs, please contact a ProCurve sales representative or an authorized reseller.

Hot Swapping mini-GBICs. The mini-GBICs that you can install in your HP ProCurve switch can be “hot swapped” — removed and installed after the switch is receiving power. You should disconnect the network cables from the mini-GBICs before hot swapping them.

Best practice tip: After inserting a mini-GBIC into a switch, the Mode LED will be on for two seconds while the mini-GBIC is initialized. Do not remove the mini-GBIC until the Mode LED has turned off. For the 2600 and 2800 switches: After inserting a transceiver into a 2600 or 2800 switch, the “M” LED will come on to indicate that the mini-GBIC slot is active. Wait at least two seconds after the “M” LED comes on, if you need to remove the transceiver.

When you replace a mini-GBIC with another mini-GBIC of a different type and then execute the **write memory** command in the switch console, the switch configures the port on the new mini-GBIC with the default mode (speed and duplex) settings used for the new mini-GBIC type. The default mode for the mini-GBICs is **Auto**. Note that the switch retains other port-specific configuration settings, such as trunking, Spanning Tree Protocol (STP), and VLAN values that were configured for the previous mini-GBIC.

Connecting the mini-GBICs to Devices with Fixed Configurations . For some older network devices, including some older ProCurve devices, the default for the Gigabit-SX, Gigabit-LX, and Gigabit-LH ports is a fixed configuration, for example 1000 Mbps/Full Duplex, or is otherwise different from these default configurations for the mini-GBICs, which is Auto. As a result, those devices may not connect properly to your mini-GBIC port; you will not get a link. Because of these default configuration and full-duplex considerations, for best operation, you should make sure that the devices connected to the mini-GBIC ports are also configured to Auto. *At a minimum, make sure the configurations match.*

