



Read Me First

for the HP E5400 zl Switches Software Version K.15.02 or greater

Contents

About your HP E5400 zl switch manual set	page 1
Minimum supported software version.....	page 1
View or download the manual set	page 2
HP software tools that provide network management	page 2
Software updates	page 2
Premium software features	page 3
Saving the configuration after installing or exchanging a module	page 3
Module hot swap operation notes	page 3
Transceiver operation notes	page 4

About your HP E5400 zl switch manual set

The switch manual set includes the following:

Document	Available on the HP Web Site	Shipped With the Switch
<i>Read Me First</i> (this document) ¹	Yes	Yes
<i>Switch Quick Setup Guide</i>	No	Yes
<i>General Safety and Regulatory Information</i>	Yes	Yes
<i>E5400 zl Safety and Regulatory Sheet</i>	Yes	Yes
<i>Installation and Getting Started Guide</i> ¹	Yes	No
<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 “[HP software tools that provide network management](#)” on page 2.

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

Minimum supported software version

- A switch with any of the v2 zl modules installed must run software version K.15.02 or greater.
- A switch with any of the J9307A, J9308A, or J9478A modules installed must run software version K.14.34 or greater available on the HP website as of September 1, 2009.

- A switch with the J9309A module installed must run software version K.14.35 or greater.
- The E5406 zl and the E5412 zl Switch bundles J9447A, J9448A, J9532A, J9533A, J9539A and J9540A, are shipped from the factory with the required minimum software version installed.

To download the latest software version, go to www.hp.com/networking/support click on **Software** and then click on **Switches**.

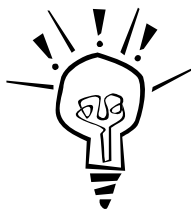
View or download the manual set

For a complete set of manuals for your HP product installation, software features, and configuration information, visit the HP Web site, where you can view or download the latest manuals for your product. Go to www.hp.com/networking/support

HP 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 on the HP networking Web site. Also available on the HP Web site are 60-day trials of Mobility Manager, Identity-Driven Manager, and Network Immunity Manager. To download any of these options, visit www.hp.com/networking/support, click on **ProCurve Support**, click on **Software**, and click on **Network Management**.

Software updates



HP networking provides software updates on the HP networking Web site for your switch. To access the software updates, go to the HP networking Web site at: www.hp.com/networking/support, click on **ProCurve Support**, click on **Software**, and 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 HP product on the HP Web portal. To begin this easy process, go to www.hp.com/networking/support, click on **ProCurve Support**, click on **Software**, and click on **Register or sign in now** under **My Networking**.

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

All the chassis and bundles purchased after Dec 1st 2010 (with the J numbers: J9532A, J9533A, J9539A, J9640A, J9642A, J9643A) come with all Layer 3 features available as part of the base product. For chassis and bundle purchases made prior to Dec 1st 2010 (with the J numbers: J8697A, J8698A, J8699A, J8700A, J9447A, J9448A), advanced layer 3 (additional Premium software) features for these switches 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 networking Web site at www.hp.com/networking/support. The Premium license is available from your HP 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 HP networking switch documentation, see, **View or download the manual set** on [page 2](#).

Module hot swap operation notes

One of the features of your E5400 zl 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.

Transceiver operation notes

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

Use only genuine HP transceivers. Non-HP transceivers are not supported. Use of genuine products ensures that your network maintains optimal performance and reliability. Should you require additional HP transceivers, please contact a HP sales representative or an authorized reseller. For a complete list of supported transceivers, visit the HP networking Web site at www.hp.com/networking/support, click on **ProCurve Support**, Select **FAQs**, under **ProCurve Mini-GBICs and Transceivers**, select one of the following:

- ProCurve 10-GbE Transceivers and Cables
- ProCurve Mini-GBICs and SFPs

Click on the first question in the “**General product information**” category.

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

Best practice tip: After inserting a transceiver into a switch, the Mode LED will be on for two seconds while the transceiver is initialized. Do not remove the transceiver until the Mode LED has turned off.

When you replace a transceiver with another transceiver of a different type and then execute the **write memory** command in the switch console, the switch configures the port on the new transceiver with the default mode (speed and duplex) settings used for the new transceiver type. The default mode for the transceivers 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 transceiver.

Connecting the transceivers to devices with fixed configurations. For some older network devices, including some older HP 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 transceivers, which is **Auto**. As a result, those devices may not connect properly to your transceiver 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 transceiver ports are also configured to **Auto**. *At a minimum, make sure the configurations match.*

