



Read Me First

for the HP ProCurve Series 5300xl Switches – Software Version E.08.30

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About Your HP ProCurve Series 5300xl Switch Manual Set

The switch manual set includes the following:

Document	Available on the HP ProCurve web site	Shipped With the Switch
<i>Read Me First</i> (this document) ¹	Yes	Hardcopy
<i>Installation and Getting Started Guide</i> ¹	Yes	Hardcopy and CD ²
<i>Management and Configuration Guide</i> ¹	Yes	CD ²
<i>Advanced Traffic Management Guide</i> ¹	Yes	CD ²
<i>Access Security Guide</i> ^{1,3,4}	Yes	No ⁴
Release Notes (for software updates) ^{1,3}	Yes	CD ²

¹The latest edition is always available in PDF format and downloadable at <http://www.hp.com/go/hpprocurve>.

²The *Product Documentation CD-ROM* shipped with your switch.

³Included in the next *Product Documentation CD-ROM* edition following release of a Series 5300xl Switch software update. Usually available only in electronic form. See "Register for Automatic Notification of Updates" on page 2.

⁴The *Access Security Guide* provides information on configuring the switch security features:

- Local Manager and Operator Passwords
- TACACS+ Authentication
- RADIUS Authentication and Accounting
- Secure Shell (SSH) Authentication
- Port-Based Access Control (IEEE 802.1x)
- Per-Port Security
- Authorized IP Managers

Please see the *Access Security Guide* for your switch on the HP ProCurve web site, <http://www.hp.com/go/hpprocurve>.

How To Read or Print Manuals Included On the CD-ROM

To access manuals included on the CD (in PDF format), use the Adobe® Acrobat® Reader. For PCs, you will need version 4.0 (or greater) of the Reader. (If you do not already have this version on your PC, you can install it from the *Product Documentation CD-ROM*.)

Caution

Before installing the Adobe Acrobat Reader from the *Product Documentation CD-ROM*, read the Caution in the README.txt file. *Installing the Reader from the CD-ROM without first uninstalling an earlier version of the Reader may cause system problems.*

For MAC and UNIX® Platforms. You can download a Reader from the Adobe web site at <http://www.adobe.com>.

Software Updates Are Free!



Hewlett-Packard provides free software updates on the HP ProCurve web site for your Series 5300xl Switch. To access the software updates, go to the HP ProCurve web site at <http://www.hp.com/go/hpprocurve>, then click on **Software updates** to go to the “HP ProCurve Networking software updates” page. Under **Latest software** click on **Switches** to go to the page that has the free download for your switch.

Register for Automatic Notification of Updates. From the “HP ProCurve Networking software updates” page, you can also register yourself to automatically receive email notice of new updates for your managed ProCurve networking products.

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. For the Series 5300xl Switches, 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 **Firmware 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.

Your Free Ticket to Proactive Networking!

HP ProCurve Manager for Hubs & Switches is a breakthrough in network management software that gives you more network with less work. The ProCurve Manager for Hubs & Switches CD is included at no extra charge with your HP ProCurve Series 5300xl Switch. See the system requirements printed on the sleeve containing the HP ProCurve Manager CD. (The ProCurve Manager CD is separate from the *Product Documentation CD-ROM*.)

Saving the Configuration After Installing or Exchanging a Module

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

- If you replace a module with another module of a different type and then reboot the switch
- If you install 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), use the **write memory** command in the switch console. This causes the switch to use the current new hardware configuration for subsequent reboots. (The switch always reboots from the startup-configuration.)

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

```
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* on the *Documentation CD-ROM* included with your switch. For the latest version of HP switch documentation, visit <http://www.hp.com/go/hpprocurve>. (Click on **Technical support**, then **Product manuals**.)

For more information regarding the software documentation for the PoE module refer to either of the following:

- *Release Notes: Version E.08.30 or later for the HP ProCurve series 5300xl Switches* (part number 5990-6004).
- *HP ProCurve Series 5300xl Management and Configuration Guide* (part number 5990-6050, May 2004 or later), in chapter titled “Power Over Ethernet (PoE) Operation.”

For the latest version of this documentation, visit <http://www.hp.com/go/hpprocurve>. (Click on **Technical support**, then **Product manuals**, then **HP ProCurve 5300xl Series**.) Under Current Manuals, click on one of the following links:

[Release Notes: Version E.08.30 for the HP ProCurve Series 5300xl Switches](#)

- or -

[HP ProCurve Series 5300xl Switches Management and Configuration Guide \(May 2004\)](#)

Module Hot Swap Operation Notes

One of the features of your Series 5300xl Switches 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 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.

Mini-GBIC Operation Notes

Hot Swapping mini-GBICs. The Gigabit-SX, Gigabit-LX, and Gigabit-LH mini-GBICs that you can install in your HP ProCurve Switch xl mini-GBIC Module can be “hot swapped”—removed and installed after the module is installed in the switch and receiving power. You should disconnect the network cables from the mini-GBICs before hot swapping them.

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 new mini-GBIC type. The default mode for the Gigabit-SX, Gigabit-LX, and Gigabit-LH 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 HP 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.*

Gigabit-LH mini-GBIC Support. The Gigabit-LH mini-GBIC (J4860A), which is supported on the HP ProCurve Routing Switch 9300, is now also supported under the E.06.xx or later software version for any of your HP ProCurve Series 5300xl Switches.

