

Read Me First

for the HP ProCurve Switch 4000M and Switch 2424M

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Software Updates Are *Free!*



Hewlett-Packard provides free software updates on the HP ProCurve website. To automatically receive email notice of new updates for *all* managed ProCurve and AdvanceStack networking products, just fill out and mail the postage-paid card attached to the TopTools CD sleeve included with your switch. Look for the CD sleeve with *Your Free Ticket to Proactive Networking* on the cover. (If you have already mailed one of these cards for another HP networking product, it is not necessary to send in the card again.)

To determine whether you have the latest software, and to access software updates on the web, go to the ProCurve website at <http://www.hp.com/go/procurve>, then click on **Support** and look for the link to use for accessing and downloading software.

To Verify the Current Software Version in Your Switch. The switch displays its current software version as a *Firmware revision* number. (For example, **Firmware revision C.07.01.**) Use any of the following methods to view this number:

- Start a Console session. In the Console login screen (the first screen displayed), the **Firmware revision** line under the switch name shows the software version.
- If you are already displaying a Console menu, go to the Console Main menu and select

1. Status and Counters

1. General System Information

In the resulting display, the current software version is listed as the **Firmware revision** number.

- 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 TopTools for Hubs & Switches is a breakthrough in network management software that gives you more network with less work. The TopTools for Hubs & Switches CD is included at no extra charge with your HP ProCurve Switch 4000M and 2424M. See the system requirements printed on the sleeve containing the HP TopTools CD.

If You Receive a Disk with an HP ProCurve Switch Module

Switch modules introduced after the initial introduction of a switch chassis usually require a later version of software than the original software version introduced with the switch. For this reason, a disk containing the minimum switch software version required for the module is included with the module. However, because HP periodically releases switch software updates that you may have downloaded, your switch may already have either the same or a more recent version of the software than the version on the disk that accompanied a module. Therefore, you should check the software version currently in the switch before downloading software from a disk. (See “To Verify the Current Software Version in Your Switch” on page 1.) If the software version in your switch is earlier than the version on the disk, then you should download the disk version. But if the software version in your switch is later than the disk version (for example, if software version C.07.01 is in the switch and version C.06.01 is on the disk), then you can discard the disk.

Errata and Updates for the *HP ProCurve Switches 2424M and 4000M Management and Configuration Guide*

Page 3-2; Web Browser Interface Requirements. To avoid possible problems with Java applets in the switch’s web browser interface, HP recommends the following web browser releases:

PCs:

- Netscape@Communicator 4.03
- Microsoft@Internet Explorer 4.01, SP1

UNIX:

- Netscape Navigator 4.03
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Example of Using a Trunked Link with STP and VLANs

Page 6-43; Multicast Filters.

- Insert the following after the “Multicast Filters” heading: “Multicast filters are configured using the Ethernet format for the multicast address.”
- In the Note at the bottom of the page, insert the following at the end of the first sentence: “...(which corresponds to the Ethernet multicast address range of 01005e-000000 through 01005e-7fffff).”

Page 6-76; Reserved Addresses Excluded from IP Multicast (IGMP) Filtering. Traffic to IP multicast groups in the IP address range of 224.0.0.0 to 224.0.0.255 will always be flooded because addresses in this range are “well-known” or “reserved” addresses. Thus, if IP Multicast is enabled and there is an IP multicast group within the reserved address range, traffic to that group will be flooded instead of filtered by the switch.

Page 8-3; Telnet (or Web Browser Interface) Access Problem. If one or more IP authorized managers are configured, the switch allows inbound Telnet (or web browser interface) access only to a device having an authorized IP address. For more information on IP authorized managers, see the *Software Update C.7.XX Release Notes for the HP ProCurve Switch 1600M, 2424M, 4000M, and 8000M*, shipped with the switch (beginning in the 2nd quarter of 1999) and also available in the Support area of HP’s ProCurve website at <http://www.hp.com/go/procurve>.

Page 8-11; Troubleshooting: Changed Event Type in Console Event Log and More Information in Event Log Help Screen. In the table at the top of the page, replace the *fault* event type with the *FFI* (Find, Fix, and Inform) event type. FFI event types are available in both the console Event Log and the web browser interface Alert Log. Also, additional Help information for FFI events has been added to the Event Log Help in the switch console.

Intrusion Log Notation. If you reboot the switch or display the Intrusion Log and reset the alert flags, the log will list the time and date of all intrusions present at the time of the reboot or reset as “prior to” that time. For example, if the Intrusion Log includes an intrusion entry for port A2 at 4:51 p.m. on September 10, 1999, and you reboot the switch at 8:35 a.m. on September 14, 1999, the entry for that intrusion would appear as **prior to 14-Sept-99 8:35:00 AM**. For more on port security and the Intrusion Log, see the *Software Update C.7.XX Release Notes for the HP ProCurve Switch 1600M, 2424M, 4000M, and 8000M*, shipped with the switch and also available in the Support area of HP’s ProCurve website at <http://www.hp.com/go/procurve>.

Switch 4000M Power Supply Requirements

If you plan to install six or more HP ProCurve Switch 100Base-FX modules (HP J4112A) in the Switch 4000M, you *must* first install a second Switch 4000M/8000M (Redundant) Power Supply (HP J4119A) in the switch. Note that if a redundant power supply is installed and one of the switch’s power supplies subsequently fails, you can replace the failed power supply without disrupting switch operation.

New Features for Software Release C.07.XX for the HP ProCurve Switch 2424M, and 4000M:

- Configuring and Monitoring Port Security
- Authorized IP Managers for Enhanced Security
- Class of Service (CoS) for Managing Bandwidth More Effectively
- SHOW and SET Commands Available Through the Switch's Command Prompt

For descriptions of the security and CoS features, see the *Software Update C.7.XX Release Notes for the HP ProCurve Switch 1600M, 2424M, 4000M, and 8000M*, shipped with your switch and also available in the **Support** area of the ProCurve website (<http://www.hp.com/go/procurve>).

The SHOW and SET commands available in release C.07.XX include the following:

Show Commands	Set Commands
show bridge [<i>port_name</i>]	set igmp disable [<i>vlan_name</i>]
show filters	set igmp enable [<i>vlan_name</i>]
show ip	set port disable < <i>port_name</i> >
show module	set port enable < <i>port_name</i> >
show port counters [<i>port_name</i>]	set spantree disable
show port spantree	set spantree enable
show port status	set spantree fwddelay < <i>delay</i> >
show snmp	set spantree hello < <i>interval</i> >
show spantree	set spantree maxage < <i>agingtime</i> >
show system	set spantree portcost < <i>port_name</i> > < <i>cost</i> >
	set spantree portpri < <i>port_name</i> > < <i>priority</i> >
	set system contact [<i>contact string</i>]
	set system location [<i>location string</i>]
	set system name [<i>name string</i>]

[] = Optional Parameter; < > = Required Parameter

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