

# Read Me First

*for the HP J3301A and HP J3303A ProCurve 10Base-T Hubs*

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**Note:** This document *replaces* the *HP 10Base-T Hubs READ ME* (p/n 5967-0898) and the *New!* sticker (p/n 5967-0866) that may have been included with the manual set for your hub.

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### Software Updates Are *Free!*

Hewlett-Packard provides free software updates on the HP ProCurve website. 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.

**Verifying the Current Software Version.** The hub displays its current software version as an EEPROM number. (For example, **EEPROM A.02.01.**) Use any of the following methods to view this number:

- Start a Console session. In the Console login screen (the first screen you will see), the **EEPROM** line includes the software version.
- If you are already displaying a Console menu, go to the Console Main menu and select

#### **1. Hub Status and Counters**

##### **1. General System Information**

In the resulting display, the hub's current software version is listed as the **EEPROM** number in the Download Version line.

- In the web browser interface, click on the Identity tab. The hub's current software version is listed as the **EEPROM** number in the **Versions** line.
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## Updated System Requirements To Run the Web Browser Interface

Both the "System Requirements" information on page 4-1 in your hub's *Management and Configuration guide* and the yellow "New!" sticker that may be attached to your hub's manual set are superseded by the information in this section.

### Supported System Configuration for Accessing the Hub Through a Web Browser on Your Intranet.

Platform Entity	Recommended
PC Platform	120 MHz Pentium
HP-UX Platform (ver. 10.20)	100 MHz
RAM	UX: 64 Mbytes; PC: 32Mbytes
Screen Resolution	800 x 600
Color Count	65,000
Internet Browser (English-Language browser only)	The following browsers have been tested and are supported for PCs: <ul style="list-style-type: none"><li>• Netscape® Communicator 4.05 to 4.50</li><li>• Microsoft® Internet Explorer 4.01 sp1</li></ul> The following browser has been tested and is supported for UNIX: Netscape Navigator 4.05
PC Operating System	Microsoft Windows® 95 / 98 and Windows NT
Unix® Operating System	Standard Unix® OS

If a non-English version of a recommended browser is configured to send only ASCII characters, it will operate correctly with the HP Web browser interface. This lets you:

- Optimize your network uptime by using the Alert Log and other diagnostic tools.
- Configure user names, passwords, port security, and other features.

For more information, see chapter 4, "Using the HP Web Browser Interface" in the *Management and Configuration Guide* included with your hub.

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## Enhancements Included with Software Release A.02.01

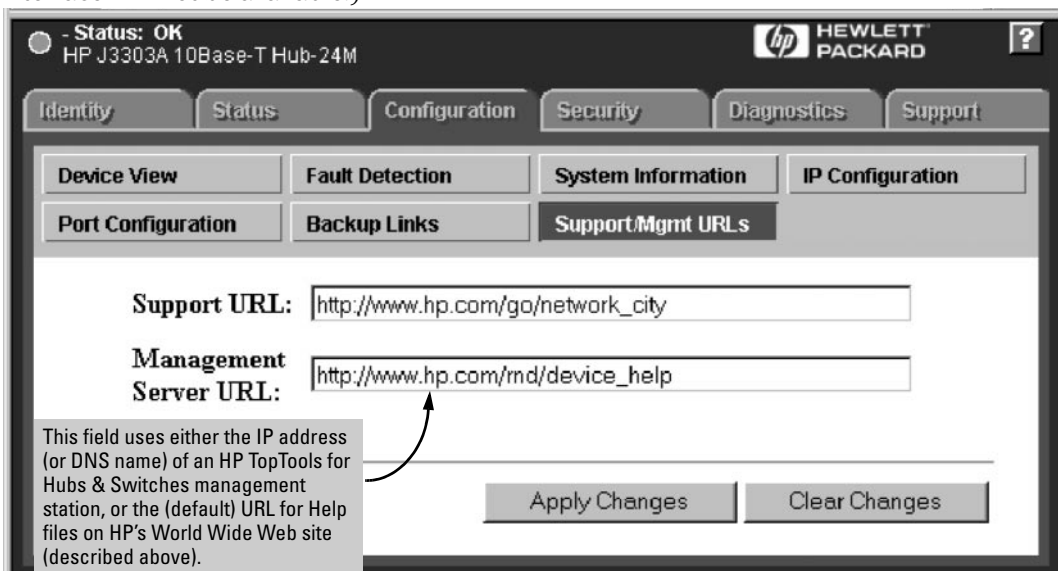
The following feature enhancements are available on the HP ProCurve 10Base-T Hub 12M (J3301A) and the HP ProCurve 10Base-T Hub 24 M (J3303A) when software release A.02.01 (or later) is installed.

- **If the hub automatically disables a port that has detected a problem with its attached LAN**, the port status LED for that port flashes rapidly until you manually re-enable the port through the web browser interface or the Console interface. For more information, see "LED Operation" in chapter 2, "Troubleshooting", in the installation guide you received with the hub.

- **TFTP software downloading** is now available from the console. See "Xmodem and TFTP Software Downloads" on page 4.
- **Two Alert Log windows have been added** to cover alerts for backup link transitions and port security violations. After downloading release A.02.01 (or later) to your hub, do the following to activate these new alerts:
  - a. In the web browser interface, click on the **Configuration** tab, then click on **Fault Detection**.
  - b. Note the current settings for the **Log Network Problems** and **Disable Port Sensitivity** fields.
  - c. Set the **Log Network Problems** field to **Never** and click on **Apply Changes**.
  - d. Reset the **Log Network Problems** field and the **Disable Port Sensitivity** field to your original settings (from step b) and click on **Apply Changes** again.
- **A Management Server URL has been added** to make online help available if you either install HP TopTools for Hubs & Switches on your network or if you already have Internet access to the World Wide Web. Retrieval of the Help files is controlled by automatic entries to the Management Server URL field. That is, the hub is shipped from the factory with the following URL, which is needed to retrieve online Help through the World Wide Web.

**[http://www.hp.com/rnd/device\\_help](http://www.hp.com/rnd/device_help)**

However, if HP TopTools for Hubs & Switches is installed on your network and discovers the hub, the Management Server URL is automatically changed to retrieve the Help from your TopTools management station. (If you do not have TopTools installed on your network and do not have an active connection to the World Wide Web, then Online Help for the web browser interface will not be available.)



**Figure 1. The New Support/Mgmt URLs Window (Available with Software Release A.02.01 or Later)**

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## Ensuring Java Applets are Enabled

Please note that the procedure detailing how to enable both Java and JavaScript that appears in chapter 4 of the *HP 10Base-T Hubs Management and Configuration* guide **incorrectly** indicates that the Netscape option for this task appears under the Security Menu. It appears under the Edit Menu. To enable Java and JavaScript, perform one of the following:

- **In Netscape 4.x**, click on `Edit`, `Preferences...`, `Advanced`, then select `Enable Java` and `Enable JavaScript`.
- **In Microsoft Internet Explorer 4.x**, click on `View`, `Internet Options`, `Security`, `Custom Settings` and scroll to the Java permissions. Then refer to the online help for specific information on enabling Java applets.

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## Xmodem and TFTP Software Downloads

This section provides information on the TFTP download capability added with software release A.02.01, and also provides expanded coverage of the hub's Xmodem download capability.

### XMODEM Download

This procedure assumes that:

- The hub is connected via the Console port to a PC operating as a terminal. (Refer to the Installation Guide you received with the hub for information on connecting a PC as a terminal and running the hub console interface.)
- The hub operating system software (OS) is stored on a disk drive in the PC.
- The terminal emulator you are using includes a binary transfer feature. For example:
  - In the Windows NT HyperTerminal program, you would use the **Send File** option in the **Transfer** dropdown menu.
  - In the Windows 3.1 terminal emulator, you would use the **Send Binary File** option in the **Transfers** dropdown menu.

**How To Perform the XMODEM Software Download.** This example uses the HyperTerminal program included in Windows NT.

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### Note

Depending on the time it takes to move through these steps, the hub may timeout and stop the download. If this occurs, begin the procedure again from step 1.

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1. From the console Main Menu, select:
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## 6. Download Options

### 1. Download OS (XMODEM)

You will then see this prompt:

**WARNING: This command will erase the hub firmware!**  
**Do you wish to continue? (Y/N)**

2. Enter **Y** at the above prompt to prepare the hub to receive the download.
3. In the HyperTerminal menu bar, click on **Transfer**.
4. In the dropdown menu, select **Send File . . .**
5. In the Send File dialog box:
  - a. Use the **Browse . . .** button to select the software file to download into the hub.
  - b. Use the Protocols dropdown menu to select **Xmodem**.
  - c. Click on the **Open** button.
  - d. Click on the **Send** button to begin the download. You will then see the "Xmodem file send for console" box, which displays the progress of the download.

The download can take several minutes, depending on the baud rate used for the transfer. (Typically, this is the baud rate in use by the Console.)

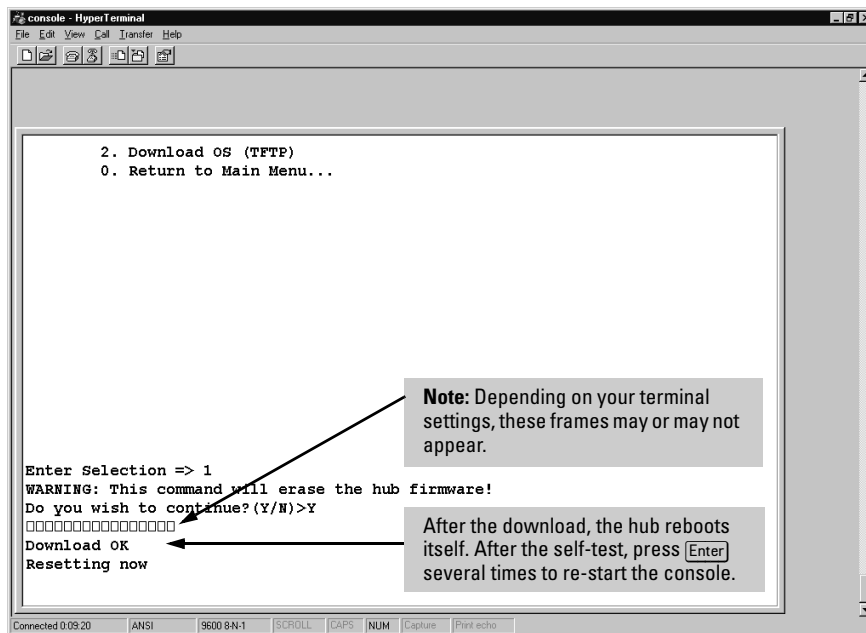


Figure 2. Example of XMODEM Software Download Progress

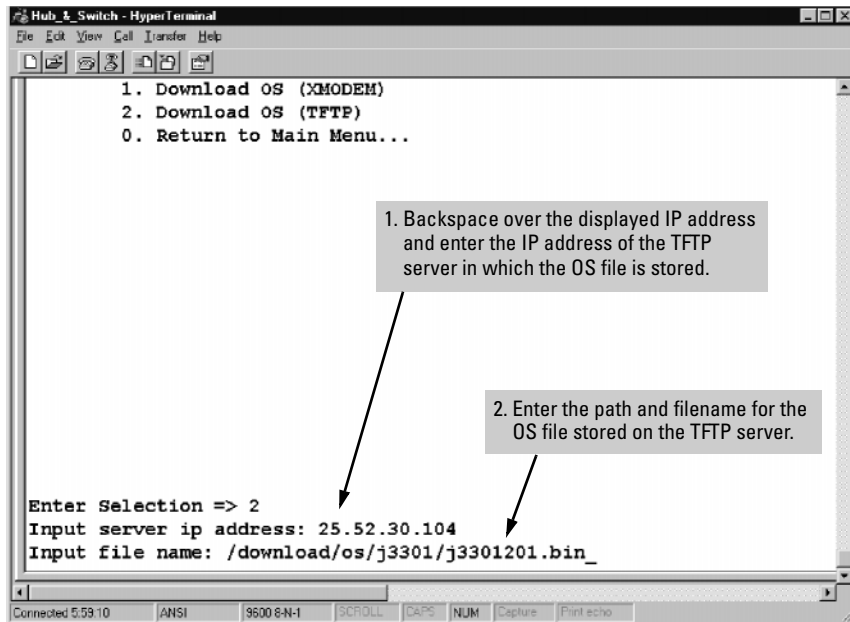
6. When the download finishes, the hub automatically resets itself and begins running the new software version.
7. To confirm that the operating system downloaded correctly, check the version number, as described under "Verifying the Current Software Version" on page 1.

### TFTP Download

Using operating system software (OS) release A.02.01, you can use the hub console to do a TFTP download of the hub software. From the Main menu, select:

6. Download Options
2. Download OS

Then do the steps shown below:



**Figure 3. Example of TFTP Download Screen**

After the download, the Console disconnects and the hub reboots itself. You can then restart the Console, if desired.

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