

Release Notes:

Versions PA.03.04 and PB.03.04 Software

for the HP ProCurve Series 1800 Switches

Release PA.03.04 supports the HP ProCurve Switch 1800-8G (J9029A).

Release PB.03.04 supports the HP ProCurve Switch 1800-24G (J9028A /B).

These release notes include information on the following:

- Downloading switch software and documentation from the Web ([page 1](#))
 - Clarification of operating details for certain software features ([page 5](#))
 - A listing of software enhancements in these releases ([page 5](#))
 - A listing of software fixes included in releases PA.02.01 through PA.03.04 and PB.02.01 through PB.03.04 ([page 8](#))
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Attention

Once the update to a software version higher than PA.03.01 or PB.03.01 has occurred, the software cannot be rolled back to a pre-PA.03.01 or PB.03.01 software version. For example, if an HP ProCurve Switch 1800-8 (J9029A) is updated from version PA.02.09 to version PA.03.02, PA.03.00 can no longer be installed on the switch. In that case, PA.03.01 is the earliest software that the switch will support.

Notice

Software updates uploaded to the switch trigger an automatic switch reload.

Related Publications

For the latest version of any of the publications listed below, visit the ProCurve Networking Web site at www.procurve.com. Click on **Technical support**, then **Product manuals**.

- Management and Configuration Guide
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Applicable Products

HP ProCurve Switch 1800-8G	(J9029A)
HP ProCurve Switch 1800-24G	(J9028A/B)

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See the Customer Support/Warranty booklet included with the product.

A copy of the specific warranty terms applicable to your Hewlett-Packard products and replacement parts can be obtained from your HP Sales and Service Office or authorized dealer.

Hewlett-Packard Company
8000 Foothills Boulevard, m/s 5551
Roseville, California 95747-5551
www.procurve.com

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Software Management

Software Updates

Check the ProCurve Networking Web site frequently for free software updates for the various ProCurve switches you may have in your network.


Downloading Switch Documentation and Software from the Web

You can download software updates and the corresponding product documentation from the ProCurve Networking Web site as described below.

To Download a Software Version:

1. Go to the ProCurve Networking Web site at:
www.procurve.com.
2. Click on **Software updates** (in the sidebar).
3. Under **Latest software**, click on **Switches**.

To Download Product Documentation: You will need the Adobe® Acrobat® Reader to view, print, and/or copy the product documentation.

1. Go to the ProCurve Networking Web site at www.procurve.com.
2. Click on **Technical support**, then **Product manuals**.
3. Click on the name of the product for which you want documentation.
4. On the resulting web page, double-click on a document you want.
5. When the document file opens, click on the disk icon  in the Acrobat® toolbar and save a copy of the file.

Downloading Software to the Switch

ProCurve Networking periodically provides switch software updates through the ProCurve Networking Web site (www.procurve.com). You can use the following method for downloading updated software to the switch.

Update Software

The Update Software Web user interface is used to update the switch software using a file provided by ProCurve Networking. To update the switch software:

1. Click the “Browse” button to select the software file.
2. Click the “APPLY” button to update the selected switch software file. You can download software files for your switch from the support section of the ProCurve Networking Web site at www.procurve.com. The switch will automatically reload into the new version of software immediately after the file upload is complete.

Update Software	
Current Software Version	PB.I02.04
Software File	<input type="text"/> <input type="button" value="Browse..."/>

- Press the **APPLY** button to update the selected switch software file.
- You can download software files for your switch from the Support section of www.procurve.com.

Note: Please be patient as the software update will take a few minutes to complete.
Expected duration is less than 5 minutes.

- **Current Software Version** – Displays the current software version in the switch.
- **Software File** – Click on the “Browse” button to select the software file.
- **Web** – Click Support, Update Software.

Note

Downloading new software does not change the current switch configuration. The switch configuration is contained in a separate file that can also be transferred, for example, for archive purposes or to be used in another switch of the same model.

ProCurve Switch, Routing Switch, and Router Software Keys

Software Letter	ProCurve Networking Products
C	1600M, 2400M, 2424M, 4000M, and 8000M
CY	Switch 8100fl Series (8108fl and 8116fl)
E	Switch 5300xl Series (5304xl, 5308xl, 5348xl, and 5372xl)
F	Switch 2500 Series (2512 and 2524), Switch 2312, and Switch 2324
G	Switch 4100gl Series (4104gl, 4108gl, and 4148gl)
H	Switch 2600 Series, Switch 2600-PWR Series: H.07.81 and earlier, or H.08.55 and greater, Switch 2600-8-PWR requires H.08.80 or greater. Switch 6108: H.07.xx and earlier
I	Switch 2800 Series (2824 and 2848)
J	J.xx.xx.biz Secure Router 7000dl Series (7102dl and 7203dl)
J	J.xx.xx.swi Switch 2520G Series (2520G-8-PoE, 2520G-24-PoE)
K	Switch 3500yl Series (3500yl-24G-PWR and 3500yl-48G-PWR), Switch 6200yl-24G, 5400zl Series (5406zl, 5406zl-48G, 5412zl, 5412zl-96G), Switch 8212zl and Switch 6600 Series (6600-24G, 6600-24G-4XG, 6600-24XG).
L	Switch 4200vl Series (4204vl, 4208vl, 4202vl-72, and 4202vl-48G)
M	Switch 3400cl Series (3400-24G and 3400-48G): M.08.51 though M.08.97, or M.10.01 and greater; Series 6400cl (6400cl-6XG CX4, and 6410cl-6XG X2): M.08.51 though M.08.95, or M.08.99 to M.08.100 and greater.
N	Switch 2810 Series (2810-24G and 2810-48G)
P	Switch 1810G (1810G-8, 1810G-24)
PA/PB	Switch 1800 Series (Switch 1800-8G – PA.xx; Switch 1800-24G – PB.xx)
Q	Switch 2510 Series (2510-24)
R	Switch 2610 Series (2610-24, 2610-24/12PWR, 2610-24-PWR, 2610-48 and 2610-48-PWR)
S	Switch 2520 Series (2520-8-PoE, 2520-24-PoE)
T	Switch 2900 Series (2900-24G and 2900-48G)
U	Switch 2510-48
W	Switch 2910al Series (2910al-24G, 2910al-24G-PoE+, 2910al-48G, and 2910al-48G-PoE+)
VA/VB	Switch 1700 Series (Switch 1700-8 - VA and 1700-24 - VB)
WA	ProCurve Access Point 530

Software Letter	ProCurve Networking Products
WM	ProCurve Access Point 10ag
WS	ProCurve Wireless Edge Services xl Module and the ProCurve Redundant Wireless Services xl Module
WT	ProCurve Wireless Edge Services zl Module and the ProCurve Redundant Wireless Services zl Module
Y	Switch 2510G Series (2510G-24 and 2510G-48)
Z	ProCurve 6120G/XG and 6120XG Blade Switches
numeric	Switch 9408sl, Switch 9300 Series (9304M, 9308M, and 9315M), Switch 6208M-SX and Switch 6308M-SX (Uses software version number only; no alphabetic prefix. For example 07.6.04.)

OS/Web/Java Compatibility Table

The switch web agent supports the following combinations of OS browsers and Java Virtual Machines:

Operating System	Internet Explorer	Java
Windows NT 4.0 SP6a	5.00, 5.01 5.01, SP1 6.0, SP1	Sun Java 2 Runtime Environment: – Version 1.3.1.12 – Version 1.4.2.05
Windows 2000 Pro SP4	5.05, SP2 6.0, SP1	
Windows XP Pro SP2	6.0, SP1	Sun Java 2 Runtime Environment: – Version 1.5.0.02
Windows Server SE 2003 SP1	6.0, SP1	

Clarifications and Updates

SNMP — The number of VLANs or Trunks on the switch does not increase the IfNumber visible in the switch. The switch is designed to use the IP interface as the first IfNumber, plus the number of ports (NO_OF_PORTS). As a result, for an 8-port switch, the IfNumber is 9. Likewise, for a 24-port switch, it is 25. For details, please refer to RFC1213.

Port Mirroring — Selection of a different port of the drop-down menu may change the settings even without selection of the "Apply" button. This is behavior as designed. It was clarified in an update to the mirror help page. When the destination port from "The Port to Mirror to" drop-down list is chosen, that action updates the switch configuration without having to click the APPLY button.

Transceivers — The "A" version of the HP ProCurve 1800 switches is unable to correctly display LX vs SX transceivers in the Web Interface. This does not affect transceiver functionality. The display capability is improved in the "B" version switches.

Enhancements

Unless otherwise noted, each new release includes the enhancements added in all previous releases.

Enhancements are listed in chronological order, oldest to newest software release.

Release PA.02.01/PB.02.01 Enhancements

Software fixes only; no new enhancements.

Release PA.02.02/PB.02.02 Enhancements

Software fixes only; no new enhancements.

Release PA.02.03/PB.02.03 Enhancements

Enhancements in Release PA.02.03/PB.02.03

- **Enhancement** — Broadcast storm control (1800-8G).
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Release PA.02.04/PB.02.04 Enhancements

Enhancements in Release PA.02.04/PB.02.04 (never released)

- **Enhancement** — Now passes BPDU packets to an upstream switch with spanning tree to detect and prevent loops; BPDU packets can also pass 802.1X authentication information.
 - **Enhancement** — The Port Statistics Web page now displays the status of the port, including speed and duplex.
 - **Enhancement** — Text-readable configuration files can be downloaded from the Web user interface.
 - **Enhancement** — The management VLAN is configurable.
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Release PA.02.05/PB.02.05 Enhancements

Software fixes only; no new enhancements.

Release PA.02.06/PB.02.06 Enhancements

Software fixes only; no new enhancements.

Release PA.02.07/PB.02.07 Enhancements

Software fixes only; no new enhancements.

Release PA.02.08/PB.02.08 Enhancements

Software fixes only; no new enhancements.

Release PA.02.09/PB.02.09 Enhancements

Software fixes only; no new enhancements.

Release PA.03.00/PB.03.00 Enhancements

Software fixes only; no new enhancements.

Release PA.03.01/PB.03.01 Enhancements

Software fixes only; no new enhancements.

Release PA.03.02/PB.03.02 Enhancements

Software fixes only; no new enhancements.

Release PA.03.03/PB.03.03 Enhancements

Enhancements in Release PA.03.03/PB.03.03

- **Trunks** — There are now six configuration options on the Trunks ->Membership configuration screen: SMAC XOR DMAC XOR IP-Info, SMAC, DMAC, SMAC XOR DMAC, Pseudo-Randomized, and IP-Info.
 - **SNMP** — Support was added for Bridge OID dot1dTpLearnedEntryDiscards (1.3.6.1.2.1.17.4.1.0).
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Release PA.03.04/PB.03.04 Enhancements

Software fixes only; no new enhancements.

Software Fixes in Release PA.02.01/PB.02.01 - PA.03.04/PB.03.04

Software fixes are listed in chronological order, oldest to newest software release.

Unless otherwise noted, each new release includes the fixes added in all previous releases.

PA.02.01 and PB.02.01 were the first software releases for the HP ProCurve 1800 Series switches.

Release PA.02.01/PB.02.01

Problems Resolved in Release PA.02.01/PB.02.01

- **Original Release**

Release PA.02.02/PB.02.02

Problems Resolved in Release PA.02.02/PB.02.02 (never released)

- **VLAN** — Adding VLAN members will cause the original setting PVID change to “VID=1.”
 - **Web UI** — Link to ProCurve Web site is fixed.
-

Release PA.02.03/PB.02.03

Problems Resolved in Release PA.02.03/PB.02.03

- **Trunk** — VLAN assignments revert to default assignments when a trunk is created.
 - **System** — The DHCP does not get gateway IP/subnet mask.
 - **System** — The DHCP is not activated when link changes state from down to up.
 - **Jumbo Frames** — Cannot disable Jumbo Frames from Web user interface (1800-8G).
 - **LLDP** — Not all LLDP counters are cleared after a factory reset.
-

Release PA.02.04/PB.02.04

Problems Resolved in Release PA.02.04/PB.02.04 (never released)

- **Web UI** — An incorrect image for the 1800-8G is displayed.
 - **Web UI** — The configuration menus for LACP and static trunk have been improved to make configuration easier and to prevent errors.
 - **Web UI** — Incorrect VLAN information is displayed for the LACP trunk when it is added into a VLAN. The LACP group number is displayed instead of the VLAN information.
 - **LACP** — The factory reset does not clear the LACP configuration.
 - **System** — When a DHCP request files, the switch now retries after 30 seconds.
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Release PA.02.05/PB.02.05

Problems Resolved in Release PA.02.05/PB.02.05 (never released)

Release PA.02.06/PB.02.06

Problems Resolved in Release PA.02.06/PB.02.06

- **System** — J9028B (1800-24G Rev. B) support added.
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Release PA.02.07/PB.02.07

Problems Resolved in Release PA.02.07/PB.02.07

- **Web UI** — Help pages have been updated.
 - **Web UI** — PVID display may be incorrect after deleting a VLAN or IP address (1800-24G).
 - **System** — Uploading configuration does not copy the management VLAN or IP address information to the switch.
 - **System** — Looping ports 1 and 2 fails to do a factory reset when management VLAN is not set to its default of 1.
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- **VLAN** — Switch may fail to add all of the selected ports into a new VLAN when the management VLAN has been changed from the default.
 - **SNMP** — SNMP community name “private” is always readable.
 - **LLDP** — Not all LLDP counters are cleared after a factory reset.
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Release PA.02.08/PB.02.08

Problems Resolved in Release PA.02.08/PB.02.08

- **IP Address Assignment (4000144815)** — A valid gateway or IP address with 0 (zero) in the 4th octet cannot be assigned as a gateway.
 - **Web UI** — Clarified the help description of tagged only and PVID fields on the VLAN Configuration screen.
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Release PA.02.09/PB.02.09

Problems Resolved in Release PA.02.09/PB.02.09

- **Mini-GBIC (PR_1000741315)** — J9028B does not link when Rev. C mini-GBIC is installed.
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Release PA.03.00/PB.03.00

Problems Resolved in Release PA.03.00/PB.03.00

- **Trunks (PR_1000744340 / PR_0000003783)** — Use of ports 1 and 2 in a trunk may trigger a return to factory default configuration under certain conditions. This fix adds a warning message in the Trunk -> Membership and Trunk -> LACP Setup web pages.
 - **SFP (PR_1000757008 / PR_0000003787)** — When a fiber mini-GBIC is inserted in port 23/24 of a 1800-24G switch, the fiber speed/duplex may be reported differently in the Ports-> Configuration page, versus the Ports-> Statistics page.
 - **SFP** — When a fiber mini-GBIC is inserted in 1800-24G (J9028B), some fiber mini-GBIC types do not display properly in the System -> Information page; they erroneously display the type as 10/100/1000-T.
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Release PA.03.01/PB.03.01

Problems Resolved in Release PA.03.01/PB.03.01

- **Flash** — Support was added for a new flash component (the old component was discontinued).
 - **Software Rollback** — Rolling software to a version earlier than PA.03.01 for the 1800-8 or PB.03.01 for the 1800-24 is not permitted in order to prevent rolling back switches with the new flash component to a version that would not allow the new flash to function.
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Release PA.03.02/PB.03.02

Problems Resolved in Release PA.03.02/PB.03.02

- **Rate-Limit (PR_0000003039)** — In the 1800-24 switch, the System -> Rate Limit screen offers some invalid configuration options to the administrator. This fix removes the options 2048K - 32768K.
 - **Help File** — The Web Management Interface help file shows incorrect information regarding port mirroring.
 - **SFP Port Config** — When a fiber mini-GBIC is inserted in port 23/24 of a 1800-24 switch, the SFP will function if configured for AUTO, but the Web Management Interface only offers 1000FDX as a configuration option. This fix allows either 1000FDX or AUTO for fiber port configuration.
 - **Help Page** — When HELP is chosen from any Web Management Interface page, and the Index button is chosen on the help screen, the switch displays the login page.
 - **Port Labels** — The 1800-24 switch does not display the "Port" label above the port number list.
 - **Port Mirror** — If a different selection is made from the "Port to Mirror to" drop-down list, the "Ports to Mirror" settings disappear.
 - **Port Trunk** — The Web Management Interface Help file information contains an error with regard to port trunk configuration options. Valid trunks contain 2-8 members, not 1-8 members.
 - **Management VLAN** — A VLAN with no member ports is allowed to be designated as the Management VLAN (System -> IP Address), which prevents access to the Web Management Interface.
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Release PA.03.03/PB.03.03

Problems Resolved in Release PA.03.03/PB.03.03

- **Trunks** — There are now six configuration options on the Trunks ->Membership configuration screen: SMAC XOR DMAC XOR IP-Info, SMAC, DMAC, SMAC XOR DMAC, Pseudo-Randomized, and IP-Info.
 - **SNMP** — Support was added for Bridge OID dot1dTpLearnedEntryDiscards (1.3.6.1.2.1.17.4.1.0).
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Release PA.03.04/PB.03.04

Problems Resolved in Release PA.03.04/PB.03.04

- **DHCP** — DHCP client behavior is changed so that once the switch gets an IP address assigned by the DHCP server, only link state changes(up/down) of the DHCP Server port will trigger the "release and request" process.
 - **VLAN (PR_0000011651)** — VLAN traffic may briefly leak into another VLAN during configuration changes.
 - **Help (PR_0000003938)** — The Web management interface help file shows incorrect information regarding port mirroring.
 - **SNMP (PR_0000014837)** — When querying the Bridge-MIB, the switch returns *get next* results for *get* requests in dot1dTpFdbTable.
 - **SNMP (PR_0000003786)** — SNMP *walk* and SNMP *get* of the OID 1.3.6.1.2.1.17.4.3.1.2 returns conflicting results; the SNMP *get* is inaccurate.
 - **SNMP (PR_0000017124)** — A missing padding byte in the SNMP counter values returned by the switch causes decode errors which may result in ProCurve Manager (PCM) interpreting the counter values as negative.
 - **SNMP** — The maximum length of SNMP Read community name should be up to 20 characters.
 - **Help** — The description of LACP in the help files is not correct; the help files were corrected and updated to address the inaccuracy.
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