

## Release Notes: ProCurve Manager Version 3.0, Update 5

---

PCM version 3.0, Update 5 supports these products:

- J9173A Upgrade with 50-device licence plus one Agent license from previous HP PCM+ 2.x
- J9174A Entry level software with 50-device license plus 1 Agent license
- J9175A Incremental + 100-device license plus 1 Agent license
- J9176A Upgrade to unlimited device license with all support Agents from HP PCM+ 2.x unrestricted license
- J9177A Entry level software with unlimited device license and all supported Agents

These release notes include information on the following:

- Software Management ([Page 3](#))
- Special Notes ([Page 5](#))
- Enhancements included in the Auto-Update releases. ([Page 5](#))
- Software fixes included in the Auto-Update releases. ([Page 8](#))
- Known issues. ([Page 12](#))

### Related Publications

For the latest version of any of the publications listed below, visit the ProCurve Networking Web site at <http://www.procurve.com/pcm-manuals>.

- Read Me First for the ProCurve Manager, Version 3.0
- ProCurve Network Management Installation and Getting Started Guide, Version 3.0
- ProCurve Manager Plus 3.0 Network Administrator's Guide
- HP ProCurve Network Management 3.0 Migration Guide

© Copyright 2005 - 2009  
Hewlett-Packard Development Company, LP.  
The information contained herein is subject to change  
without notice.

### Publication Number

5991-8611a  
November, 2009

### Trademark Credits

Microsoft®, Windows®, and Windows NT® are US registered trademarks of Microsoft Corporation. Adobe® and Acrobat® are trademarks of Adobe Systems Incorporated. Java™ is a US trademark of Sun Microsystems, Inc.

### Software Credits

SSH on ProCurve Switches is based on the OpenSSH software toolkit. This product includes software developed by the OpenSSH Project for use in the OpenSSH Toolkit. For more information on OpenSSH, visit

<http://www.openssh.com>.

SSL on ProCurve Switches is based on the OpenSSL software toolkit. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. For more information on OpenSSL, visit

<http://www.openssl.org>.

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com)

### Disclaimer

HEWLETT-PACKARD COMPANY MAKES NO WARRANTY OF ANY KIND WITH REGARD TO THIS MATERIAL, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Hewlett-Packard assumes no responsibility for the use or reliability of its software on equipment that is not furnished by Hewlett-Packard.

### Warranty

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.hp.com/go/procurve](http://www.hp.com/go/procurve)

## Software Management – ProCurve Manager 3.0 Updates


If you installed PCM 3.0, this ProCurve Manager update can be installed in the following ways. The installation method is initially configured during PCM installation, but can be changed with PCM Auto Update Preferences. By default, PCM is scheduled to check for automatic updates every Monday and issue an Auto Update event if updates are available.

### Using Automatic Download and Install

1. Click the  Preferences button on the global toolbar to open the Preferences window and select **Auto Updates for PCM** in the left pane of the Preferences window.
2. In the right pane, select Download and install automatically.
3. To change the schedule when PCM checks for automatic updates, set the Recurrence Pattern.
4. Click **Apply** to save your changes and leave the Preferences window open or click **OK** to save your changes and close the Preferences window.


PCM checks the ProCurve ftp server for updates at the scheduled time. If updates are found for PCM or an installed module, PCM automatically downloads and installs the updates.

### Using Notify if Updates Are Available

1. Click the  Preferences button on the global toolbar to open the Preferences window and select **Auto Updates for PCM** in the left pane of the Preferences window.
2. In the right pane, select Notify if updates are available.
3. To change the schedule when PCM checks for automatic updates, set the Recurrence Pattern.
4. Click **Apply** to save your changes and leave the Preferences window open or click **OK** to save your changes and close the Preferences window.

PCM checks the ProCurve ftp server for updates at the scheduled time. If updates are found for PCM or an installed module, PCM issues an Automatic Update event (shown on the Agent Groups Events tab). Updates are not installed automatically. To install updates, you must manually initiate the download, as explained below.

### Manually Installing Updates from the FTP Server

1. Click the  Preferences button on the global toolbar to open the Preferences window and select **Auto Updates for PCM** in the left pane of the Preferences window.
2. In the right pane, click **Check Now**.
3. In the Select Update Mode window, select the Check for updates on the FTP Server option and click **Next**.

PCM must be connected to the internet and, if using a proxy, it must be configured in Network Settings preferences.

**Release Notes: ProCurve Manager Version 3.0, Update 5**  
Software Management – ProCurve Manager 3.0 Updates

4. Available updates are displayed with a check next to each one, which indicates that the update will be installed. Click **Next** to install the update, or if you do not want to install an update, uncheck the box.
5. A warning message appears, advising you that any PCM Clients will be disconnected. Click **Yes** to continue.
6. After the update package is downloaded, you will be prompted to close the PCM Client. Click **Exit** to exit PCM, complete the update, and restart the PCM services.


You can then restart the PCM Client and begin using the updated version of PCM.

### **Manually Installing Updates from the Download Folder**

This method does not require an internet connection from PCM. The update can be downloaded from any PC and copied to the PC containing PCM.

1. Determine the PCM software version by selecting Help>About ProCurve Manager from the PCM menu.
2. Copy the pcm\_3\_0\_update\_5.zip file to the \PNM\server\data\download\autoupdate directory. The default PCM server installation directory is: C:\Program Files\Hewlett-Packard\PNM\server on the workstation where PCM was initially installed. (Do not unzip the file.)

Update files can be downloaded from [www.procurve.com/networkmanagement](http://www.procurve.com/networkmanagement) using any PC and copied to the PC containing PCM.

3. Click the  Preferences button on the global toolbar to open the Preferences window and select **Auto Updates for PCM** in the left pane of the Preferences window.
4. In the right pane, click **Check Now**.
5. In the Select Update Mode window, select the Check for updates in PCM's download folder option and click **Next**.
6. Available updates in the autoupdate folder are displayed with a check next to each one, which indicates that the update will be installed. Click **Next** to install the update, or if you do not want to install an update, uncheck the box.
7. A warning message appears, advising you that any PCM Clients will be disconnected. Click **Yes** to continue.
8. After the updates are installed, you will be prompted to close the PCM Client. If you do not exit PCM manually, after a few moments PCM automatically shuts down. Click **Exit** to exit PCM, complete the update, and restart the PCM services.

You can then restart the PCM Client and begin using the updated version of PCM.

## Special Notes

- ProCurve Management software is not localized for non-English versions of Windows.

---

## PCM 3.0 Enhancements

### Update 5

- Support for the HP ProCurve 2520-8-PoE switch (J9137A).
- Support for the HP ProCurve 2520-24-PoE switch (J9138A).
- Support for the HP ProCurve 2520G-8-PoE switch (J9298A).
- Support for the HP ProCurve 2520G-24-PoE switch (J9299A).
- Support for HP ProCurve MSM software version 5.3.4.

### Update 4

- Support for the HP ProCurve 8206zl switch (J9475A).
- Support for the HP ProCurve 1810G-8 (J9449A) and 1810G-24 (J9450A) switches.
- Support for the HP ProCurve 6120XG (516733-B21) and 6120G/XG (498358-B21) switches.
- **(PR\_42023)** — Filter labels for Location, Owner, and Host in Group Member Wizard changed.
- **(PR\_43717)** — PCM able to identify if HP ProCurve Switch 8212zl (J9091A) has permanent license enabled.

## Release Notes: ProCurve Manager Version 3.0, Update 5

### PCM 3.0 Enhancements

- Configurations supported in PCM 3.0 AU4 are:

	<b>up to 2000 Devices 1 Agent (local or remote)</b>	<b>up to 3000 Devices 2 remote Agents</b>	<b>up to 2650 Devices up to 25 remote Agents*</b>
Operating System	MS Windows 2003 Server	MS Windows 2003 Server or MS Windows XP Pro	MS Windows 2003 Server or MS Windows XP Pro
sFlow Interfaces	500	3,000 per Agent	2-3 Agents: 3,000 22-23 Agents: 525
Polled Interfaces	10,000	6,000 per Agent	2-3 Agents: 7,000 22-23 Agents: 1250
Events per Second	10	10 per Agent	2 per Agent

\* This configuration includes 2-3 Agents with 200-500 devices per Agent and 22-23 Agents with 10-50 devices per Agent.

## Update 3

- NNM support by the following devices:
  - Switch 3500 (J9470A, J9471A, J9472A, J9473A)
  - Switch 6600ml (J9451A, J9452A)
  - DCM ONE (HP ProCurve Data Center Connection Manager ONE Software, J9446A)
- Support by all HP ProCurve MSM devices for:
  - Policy Manager
  - Software Update
  - NNM
- **(PR\_41485)** — Restores the PCM 2.3 Group Member Wizard removed in PCM 3.0. This wizard is used to automatically add devices to a custom group based on custom group filters.
- **(PR\_41680)** — Software Image Import tool supports software update for all HP ProCurve MSM devices.

## Update 2

- Support for the HP ProCurve 3500-24 Switch (J9470A), HP ProCurve 3500-48 Switch (J9472A), HP ProCurve 3500-24-PoE Switch (J9471A) and HP ProCurve 3500-48-PoE Switch (J9473A)
- Support for the HP ProCurve 6600-48G (J9451A) and 6600-48G-4XG (J9452A) switches.
- Support for HP ProCurve Data Center Connection Manager ONE (J9446A) software version 1.0.2727.

- Support for the HP ProCurve MSM 760 Access/Mobility Controller (J9420A and J9421A) and MSM 765 Access Controller (J9370A).
- Support for HP ProCurve MSM software version 5.3.1.
- Support for all HP ProCurve MSM Devices: Features – Mapping, Configuration Manager, Device Manager and Syslog
- Support for new MIBs for MSM Outdoor devices.

## Update 1

No enhancements in PCM 3.0 AU1.

## Software Fixes in PCM 3.0 Updates

### Update 5

The following PCM problems were resolved in PCM 3.0 Update 5:

**Client (PR\_18639)** — PCM Client crash when attempting to copy/paste a long string in multiple areas.

**Group Member Wizard (PR\_42411)** — Group Member Wizard should not add the device to a group if the device is configured with multiple subnets and not discovered with the filtered subnet.

**Manage License (PR\_42127)** — User Manager: Manage License feature is not working.

**Apache Tomcat (PR\_45317)** — Apache Tomcat has a XSS Vulnerability.

**Navigation Tree (PR\_41280)** — Device Display name in PCM tree fails to display DNS name.

**Export Subnets (PR\_44694)** — Export subnets doesn't work in few cases.

**Policy Manager (PR\_43951)** — Email can't contain "-" dash in user portion of email address action in Policy Manager.

**Policy Manager (PR\_44527)** — Policy not working correctly on Custom Group Ports.

**Import Subnets (PR\_46118)** — Invalid file format when importing subnets that have names assigned.

**Discovery (PR\_46023)** — APX /LRM transceivers not discovered.

### Update 4

The following PCM problems were resolved in PCM 3.0 Update 4:

**Port List tab (PR\_43161)** — PCM is not showing all ports for 2600 switches in the Port Access subtab on the Port List tab.

**Agent Web UI (PR\_38927)** — Agent Web UI does not dynamically display changes.

**Agent Web UI (PR\_38858)** — Updating any Agent parameter using the Agent Web UI does not update the values in the Agent Manager.

**Managed Subnets (PR\_38172)** — Provide multiple select feature in Managed Subnets window.

**Device Manager (PR\_41867)** — PCM fails to display or incorrectly displays 802.1X authenticated users on switch port.

**Port List tab (PR\_43667)** — “Install ID unavailable” error opening database when starting PCM.

## Update 3

The following PCM problems were resolved in PCM 3.0 Update 3:

**PCM Client (PR\_43004)** — Resolved slow startup of PCM 3.0 Client

**Policy Manager (PR\_39517)** — When using the PCM Client, the Policy Activity UI hangs after user clicks the Policy Activity Tab

**Network Map (PR\_17195)** — Network map media types are now shown for all links except aggregated links (Trunks/Meshes)

**RAM Utilization (PR\_40401)** — RAM memory utilization by the PCM Server appeared to be excessive during topology mapping

**Port Mirror (PR\_39351)** — Configuring a Mirror port deletes the existing Monitored port information from the database

**Policy Manager (PR\_39555)** — Policy fails to recognize the Targets from AP530 & Procurve Wireless AP groups even though the devices are present

**IP Authorized Manager (PR\_41294)** — PCM is not able to add a network as IP Authorized Manager for MSM devices.

**Device Manager (PR\_39290)** — MSM320 device displayed incorrect J number

**CIP (PR\_15895)** — Unable to edit device properties of a user defined device using CIP utility

**Backup (PR\_17056)** — Backup fails for locations where write permission is not provided.

**Agent Manager (PR\_17190)** — Deleting remote Agent from PCM would not delete the Agent from displaying on the Agent Map.

**Device Manager (PR\_41733)** — MSM765 device displayed incorrect J number

**Agent Manager (PR\_17512)** — Same SSH key is displayed for both local & remote Agents in Agent Manager UI

**USB Autorun (PR\_41737)** — USB auto run wizard may create a file without proper device description, causing configuration to be deployed to wrong device(s) leading to network failure

**Group Manager (PR\_42051)** — Agent Group Name is not created when an apostrophe is used in the name

**Discovery (PR\_41348)** — Rediscovery of MSM devices makes the Operator credentials the same as Manager credentials.

**Release Notes: ProCurve Manager Version 3.0, Update 5**  
Software Fixes in PCM 3.0 Updates

**Agent Manager (PR\_42762)** — Agent property changes made in Agent Manager are not propagated to the Agent.

**Print (PR\_37622)** — Print button not working from Port List tab if tab is not opened first.

**Backup/Restore (PR\_42661)** — Backup/restore feature corrected.

## Update 2

The following PCM problems were resolved in PCM 3.0 Update 2:

**Network Mapping (PR\_18343)** — Agents Map does not appear properly whenever the user moves across different layouts.

**Transfer Wizard (PR\_17662)** — Transfer License Wizard screen usability text changes needed.

**Events (PR\_37709)** — Print button unfreezes Event Browser.

**Syslog Preferences (PR\_40049)** — Syslog severity percentages in global preferences window total goes beyond 100%.

**FFI Trap (PR\_40222)** — FFI Trap bug that maps all FFI trap types (hpicfFfLogFaultType) to the "High collision or drop rate" type.

**Agent Manager (PR\_39191)** — Agent management code does not synchronize Agent name and description fields.

**Agent Manager (PR\_40201)** — The Agent connection status shows "disconnected" when syncing, needs to be finer grained.

**Device Manager (PR\_40166)** — Problem when importing a list of devices after deleting the devices from PCM.

**Discovery (PR\_17727)** — Manual Discovery Wizard presents a Discover button.

**Mapping (PR\_17396)** — Part names of HP ProCurve Switch 7000 series and Cisco switches remain in network map even after unselecting the check box.

**Event Manager (PR\_38965)** — Aggregation of events functionality does not work when the filter query is such that it does not have any output.

## Update 1

The following PCM problems were resolved in PCM 3.0 Update 1:

**Port classification (PR\_17281)** — In Port Classification screen, 'Remote Port' info is sometimes missing.

**Discovery (PR\_18457)** — User has difficulty finding Discovery preferences.

**Find Node (PR\_18202)** — Find Node utility method (FindNode::getDnsName()) Does Not Limit Thread Creation.

**Security Access (PR\_18694)** — Excessive bursts of "Security Access Violation" events from switch devices are being reported in PCM.

**Software Update (PR\_18855)** — Software Update Wizard failed when enabling TFTP client for HP ProCurve Switch 2600 and 5300 series.

**Database (PR\_38981)** — Failed database corruption caused by antivirus software cannot be auto-repaired.

**Database (PR\_19118)** — Timestamp information included with user message when database corruption event occurred.

**CPU Utilization (PR\_37688)** — High CPU utilization by the Local Agent.

**Policy Manager (PR\_17831)** — Local PCM Client memory spikes and hangs after browsing on the Policy Manager Window when PCM server is supporting the maximum limit of Agents and devices.

**Custom Groups (PR\_37844)** — A heavy loaded system may cause devices not to be added to a custom group when the custom group is created during the add process.

**Events (PR\_37771)** — Remaining events from a database failure or sever shutdown are captured and reloaded into event tables during server startup.

**Archive (PR\_18444)** — Archived files disappear when Event-triggered trimming occurs.

**Events (PR\_18426)** — Events->Default setting for syslog archival does not work properly.

**Events (PR\_18523)** — The event triggered trimming threshold value was not applied during migration from PCM 2.x to PCM 3.0.

**Policy Manager (PR\_16445)** — From and To fields in Send Email action accepted invalid email addresses as being correct.

**Reports (PR\_37956)** — Event rate sampling report may suddenly stop working if under heavy load or after running for a long period of time.

**Traps (PR\_38336)** — The trap definition files (.trp) for the AP520 de-authentication and disassociate traps are missing a MAC-type definition, resulting in the trap not decoded correctly.

**Custom Groups (PR\_17188)** — Selecting both “Only add edge port” and “Only add inter-switch ports” check boxes for a custom group may prevent devices from being added to the customer group.

**Agent Group (PR\_18069)** — The PCM remote Agent is unable to establish a connection to the PCM server if the default Agent group is deleted.

**Release Notes: ProCurve Manager Version 3.0, Update 5**  
Known Issues for PCM 3.0 Updates

**CIP (PR\_18439)** — Configurable Integration Platform (CIP) utility not functioning after adding Web application with a special “dot” character in the application name.

**Agents (PR\_18133)** — After setting the Discovery-> Restrict to IP Address Range in the Agent Manger and restarting the Agent causes discovery of devices outside of the required IP range.

**Discovery (PR\_18352)** — Changing the device default communication parameters when rediscovering a device does not update the database with the new credentials.

**Configuration Manager (PR\_16430)** — IP pool substitution does not work when deploying template on the same type of device.

**Policy Manager (PR\_11683)** — User needs to run the VLAN policy twice to create a new VLAN if the VLAN count exceeds the maximum number of VLANs selected.

**VLAN Manager (PR\_16340)** — Sorting option with VLAN Id does not work as expected in Show VLAN.

**Auto Update (PR\_17693)** — When the Schedule Auto Update is performed, the Update history shows the update mode as Manual.

---

## Known Issues for PCM 3.0 Updates

### Update 5

**Telnet (PR\_46256)** — HP ProCurve Switch 2520 Series not able to kill telnet sessions.

**Authentication (PR\_46504)** — Unable to open 802.1X authenticated user session for HP ProCurve 2520 and 2520G switches.

**Custom Groups (PR\_46687)** — Not able to add LRM ports(10Gb) to any custom group.

**Port Access (PR\_46419)** — Port access tab fields (QoS, Learn-mode, BW limit) are shown as unknown for LRM Transceivers ports.

**Communication Parameters (PR\_47149)** — Communication Parameter in Device fails if operator credentials are already set on the device.

### Update 4

**Software Update (PR\_44529)** — Software update is not working for AP420 Access Point. This may cause loss of wireless interface configuration, requiring physical access to each Access Point.

**Port List tab (PR\_44744)** — 802.1X and QoS settings for 2510 and 2600 switches are not shown in Port Access subtab on the Port List tab.

**Port List tab (PR\_44066)** — No ports for 1810 switches are shown in Port List tab.

**Deploy Configuration/Software Update (PR\_44383)** — Deploy Configuration and Software Update fails for HP ProCurve 6120XG Switch (516733-B21) and 6120G/XG Switch (498358-B21).

**Subnets (PR\_39355)** — Subnet information is not shown in 1810G switches.

**Deploy Template (PR\_45132)** — Deploy Template is not working with secure copy for 4200vl switches.

### Update 3

**(PR\_42170)** — Preferred version in Software Image Import for MSM devices does not work as expected.

**(PR\_42830)** — Policy details are not shown on the Policy Activity Tab for MSM device groups selected as targets.

**(PR\_43161)** — PCM is not showing all ports for 2600 switches in the Port Access subtab on the Port List tab. (This issue has been resolved in Auto Update 4.)

### Update 2

**Network Mapping (PR\_17190)** — Deleting remote Agent from PCM is not deleting the Agent from Agents map (Client refresh problem). (This issue has been resolved in Auto Update 3.)

**Configuration Manager (PR\_40163)** — PCM allows users to deploy configuration on MSM devices to add a SNMPv3 user, which is not allowed through the MSM device Web interface.

**Configuration Manager (PR\_40178)** — PCM shows Success while deploying wrong configuration and fails to capture the new configuration and SNMP stops responding.

**Network Mapping (PR\_40769)** — DCA support fails for HP ProCurve 6600-48G (J9451A) and 6600-48G-4XG (J9452A) switches.

### Update 1

No known issues.