

Release Notes: ProCurve Manager Version 3.0, Update 3

PCM version 3.0, Update 3 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 6](#))
- Known issues. ([Page 9](#))

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

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<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)

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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 3
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_3.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 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.
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PCM 3.0 Enhancements

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)** — Filters added for Custom Groups.
- **(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
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Release Notes: ProCurve Manager Version 3.0, Update 3
Software Fixes in PCM 3.0 Updates

- 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 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.

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.

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 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.

Release Notes: ProCurve Manager Version 3.0, Update 3
Known Issues for PCM 3.0 Updates

Update 2

Network Mapping (PR_17190) — Deleting remote agent from PCM is not deleting the agent from Agents map (client refresh problem).

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.