

HP ProCurve Network Management Software Selection Guide

HP ProCurve Manager helps customers answer essential questions about their network by enabling:

Discovery

- What devices are connected to my network?
- What does the logical (subnet/VLAN-based) topology look like?
- Discover and map up to 3,500 HP ProCurve LAN and wireless LAN devices
- Automatic discovery of HP ProCurve device mapping shows multiple views such as physical, agent, subnet, and VLAN network topology views

Device management

- How can I determine what switch OS is installed on my HP ProCurve devices? Can I check to see if a newer version is available?
- Do agents come with HP ProCurve Manager?
- Access to CLI and Web switch interfaces
- Custom groups for devices
- Information on available—and free-of-charge—switch OS updates are automatically sent to HP ProCurve Manager
- Agents are only available with HP ProCurve Manager Plus licenses

Status and troubleshooting

- Can I access a single device or a group of devices from a central location?
- How can I tell if my network is healthy and performing properly?
- How do I determine the source of network problems?
- HP ProCurve Manager discovers and maps up to 50 devices
- Summary status information on network devices and end nodes
- HP ProCurve Manager has events log and syslog to help determine any network issues

Costs

- What are my management options considering my limited budget?
- HP ProCurve Manager is a free download from www.procurve.com/pcm
- Try HP ProCurve Manager Plus 3.0 and all the modules/plug-ins for 60 days free of charge

HP ProCurve Manager Plus helps customers answer more advanced questions about their network by providing:

Enhanced device management

- Can I compare configurations between devices?
- Can I identify configuration changes on any device?
- Is it possible to create draft configurations?
- Can I push policies to my devices and then control the deployment?
- Is it possible to automate new switch OS downloads and deployments?
- Can I discover distributed networks?
- How do I manage larger networks?
- What is an agent?
- Configuration management and configuration templates
- Automated policy management
- Advanced VLAN management
- Automated device software updates (scheduled downloads and controlled distribution)
- Distributed networks can be discovered, mapped, and managed with HP's new agent-based architecture
- To address network device discovery, polling, and collection of statistics, HP ProCurve Manager Plus employs software agents. Each agent summarizes management information in its local network segment and, if necessary, securely traverses firewalls to periodically forward this information to the HP ProCurve Manager Plus server. Using one management server and up to ten agents, management becomes faster, more secure, and more compliant with encrypted management communications.

Security

- How do I secure management application and administrative access?
- How do I securely give access to different employees working on my network?
- Are there any backup capabilities?
- SNMPv3, SSHv1/v2, and RADIUS authentication
- Login password with three different levels of control access
- Functional-based user profiles can be created to fine-tune user access to HP ProCurve Manager Plus and the network
- Backup, relocate, and restore HP ProCurve Manager

Monitoring and troubleshooting

- Can I get detailed information about the traffic on my network?
- Can I check to see if my configurations are consistent throughout my network?
- Can I configure alerts based on my personal needs?
- Can I locate any device on the network and its communication path?
- In-depth traffic monitoring and analysis using RMON, XRMON, and sFlow
- Switch-to-switch consistency checking
- Configurable alerts
- Device syslog
- Find Node and Node-to-Node Path trace tools

Costs

- How do I determine if HP ProCurve Manager Plus is right for my company and budget? Can I test it first?
- 60-day free trial at www.procurve.com/pcm
- Fee-based (50-device base licenses with one agent license; plus a set of 100-device licenses with one agent license each; unlimited licenses are available with 10 agent licenses)

Optional HP ProCurve modules and plug-ins help customers do even more with their network by providing sophisticated capabilities:

HP ProCurve Network Immunity Manager (fee-based)

Can I monitor and respond to unwanted network traffic from one location?

Yes.

Intrusion detection

- Intrusion response: Block port, Block MAC, Quarantine VLAN

Security management

- Policy management, real-time security dashboard
- Centralized management system for the HP ProCurve Threat Management Services zl Module

Reporting

- Offender- and alert-based reports

HP ProCurve Identity Drive Manager (fee-based)

Can any user on my network keep the same policies and access rights regardless of where and how he or she is connected?

Yes.

Integration

- Works with industry-standard RADIUS servers (agent included)
- Complementary to Microsoft® NAP; integrates with Microsoft Active Directory

Security

- Dynamically provisions network security on a per-connection basis (ACLs, VLAN); integrity trigger

Performance

- User- or device-based traffic prioritization and rate limiting

Ease of use

- Secure Access Wizard simplifies setup of a secure network

HP ProCurve Mobility Manager (fee-based)

Can I plan, configure, and monitor my wireless network in detail from one location?

Yes.

WLAN planning and deployment

- Offline site plan, RF coverage prediction, auto-placement wizard, WLAN planner report

WLAN monitoring and reporting

- Single-screen WLAN dashboard, site view, predefined and configurable reports (explaining network and client activity)

Security

- Rogue device detection, centralized policy management, auto-configuration check

WLAN configuration management

- Single- or multi-device configuration changes (real time or on a scheduled basis)

Feature	HP ProCurve Manager 3.0	HP ProCurve Manager Plus 3.0
Device auto-discovery	•	•
Topology and mapping	•	•
Usable troubleshooting data and alerts	•	•
Device configuration and management	•	•
Inventory report	•	•
Third-party device support	•	Enhanced
Configurable Integration Platform Wizard		New
VMware support		New
Database backup, restore, relocate		New
Functional-based user profile management		New
Support for distributed networks		New
Device security settings display		•
Customizable and executable policies across groups		•
Multiple device configuration management		•
Port mirroring enablement		•
Remote port mirroring enablement		•
Device support updates without software roll		•
VLAN creation and configuration across networks		•
Policy Manager—event or schedule driven		•
E-mail alerts		•

Feature	HP ProCurve Manager 3.0	HP ProCurve Manager Plus 3.0
SNMP trap forwarding		•
Security for network management (SNMPv3, SSH, RADIUS)		•
Granular event data via syslog support		•
Enhancement of monitoring and diagnosis		•
Find node by MAC or IP		•
Reporting:		
Scheduled reports		
Reports to assist with regulatory compliance		
Ad hoc customizable reports		•
Link Layer Discovery Protocol (IEEE 802.1ab)		•
Consistency checking of multiple device configurations		
VLAN IDs consistent between devices		
Duplex consistent between devices		
QoS priorities consistent between devices		
BootROM consistent with firmware update		•
Traffic monitoring and analysis		•
HP Network Node Manager (NNM) support		•



- The HP ProCurve Lifetime Warranty*, with next-business-day advance replacement included free of charge
- Free telephone and Web support
- Free software updates

Why choose HP ProCurve?

- Choice and flexibility**—performance and interoperability
- Advanced technology**—30 years of leadership
- Security and trust**—safe and field-tested solutions
- Proven reliability**—backed by a lifetime warranty*
- Return on IT investment**—easy to install and use

* For as long as you own the product, with next-business-day advance replacement (available in most countries). The following hardware products and their related series modules have a one-year hardware warranty with extensions available: HP ProCurve Routing Switch 9300m Series, HP ProCurve Switch 8100i Series, HP ProCurve Network Access Controller 800, and HP ProCurve DCM Controller. The following hardware mobility products have a one-year hardware warranty with extensions available: HP ProCurve M111 Client Bridge, HP ProCurve MSM3xxR Access Points, HP ProCurve MSM7xx Mobility and Access Controllers, HP ProCurve RF Manager IDS/IPS Systems, HP ProCurve MSM Power Supplies, HP ProCurve 1-Port Power Injector, and HP ProCurve CNMS Appliances. Disk drives in the HP ProCurve ONE Services zI Modules have a five-year hardware warranty. Standalone software, upgrades, or licenses may have a different warranty duration. For details, refer to the ProCurve Software License, Warranty, and Support booklet at www.procurve.com/warranty

Technology for better business outcomes

To learn more about HP ProCurve Networking, please visit www.hp.com/go/procurve

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