

Installation and Service of ProCurve Devices v8.41

At a Glance

The purpose of this course is to provide field repair engineers with the skills they need to perform basic installation and configuration tasks as well as to troubleshoot and repair or replace field replaceable units (FRUs) and verify that units are operational. This course focuses on ProCurve hardware and software.

This class focuses on the ProCurve LAN switches, ranging from unmanaged switches to Layer 2/Layer 4 core switches, and ProCurve wireless infrastructure solutions including standalone access points (APs) and centrally managed wireless solutions consisting of the ProCurve Wireless Edge Services Module (WESM) and Radio Ports (RPs). Furthermore ProCurve Secure Access products and ProCurve Wide Area Network (WAN) routers will be covered. This course has a product-centric approach and does not cover network-centric troubleshooting tools and methodology.

Note: This is not a pre-sales course.

Format Offered

- 16-hour, self-paced class

Audience

The target audience for this course is field repair engineers who need to perform basic troubleshooting, repair, installation, configuration, and/or verification of operation of ProCurve wired and wireless products. It will be beneficial to new and experienced field engineers who need to become familiar with wired and wireless ProCurve hardware and software.

Prerequisites

One of the following two options:

Completion of the ProCurve Networking Primer (available at <http://www.procurve.com/network-training/training/technical/ais/primer.htm>)

OR

CompTIA Network + certification

Plus

Familiarity with typical network hardware repair and maintenance

Elms Code

00077602

Cost

This course is free.

The exam is Web-based, and costs may vary per region

Certification

Installation and Service of ProCurve Devices (IAS) prepares participants for Accredited Platform Specialist (APS) certification within the HP Certified Professional program. The exam number is [HP2-Z02]. For more information, contact your HP representative or visit <http://www.procurve.com/network-training/certifications/aps/index.htm>. The test is offered via the Prometric website. For registration instructions, consult your local ProCurve representative or visit www.prometric.com/HP/default.htm.

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Benefits of attending the course

During the course, participants will:

Learn how to manage ProCurve switches, with particular emphasis on the ProCurve 8212zl Switch and the ProCurve Switch 5300xl and 5400zl Series.

Learn how to troubleshoot wired and wireless ProCurve devices, with the emphasis on break-fix troubleshooting

Get hands-on experience configuring and using ProCurve switches, ProCurve wireless products, and management tools

Apply the above concepts using real-life customer scenarios

Student Performance Objectives

After completing Installation and Service of ProCurve Devices v8.41, students will be able to:

- List the high-level features of ProCurve wired and wireless devices and identify the FRUs for the devices
- Identify supported modules and accessories of ProCurve devices
- Describe proper switch and module LED behavior
- Describe the functionality of the Mode Select button and demonstrate the ability to use it
- Describe the purpose of the Reset and Clear buttons and demonstrate the ability to use them
- Describe the hot-swap/hot-insert procedures for replacing modules and accessories
- Demonstrate the ability to insert and/or remove FRUs and verify they are installed correctly, including power supplies, modules, fans, transceivers, and mini-GBICs
- Demonstrate the ability to connect network cables and verify that network connections are working correctly
- Demonstrate the ability to access each device through the command line interface (CLI), menu interface, and Web interface, depending upon the supported capabilities of the ProCurve wired or wireless device
- Demonstrate the ability to perform the initial configuration of a switch or AP by assigning an IP address, subnet mask, and default gateway
- Demonstrate the ability to save and restore configurations and update the switch and AP software
- Demonstrate the ability to collect counters, logs, and diagnostic information and use various diagnostic tools for device connectivity verification

Topics Covered

- A general introduction to switches, specific to ProCurve switches
- Specifics on cabling and connectors
- Basic wireless device configuration, both standalone APs and centrally managed RPs
- Functional operation of ProCurve unmanaged, Web-managed, managed, intelligent edge, and core switches, including the ProCurve 2610 Switch and ProCurve Switch 1800 and 5400 Series
- Gaining management access to the ProCurve wired and wireless devices
- Basic IP address configuration
- Gathering counters, statistics, and events
- Use of diagnostic tools and techniques for product verification and troubleshooting
- Displaying, saving, and restoring software and configurations
- Methods customers use to secure their devices

To find out more about
ProCurve Networking
products and solutions,
visit our web site at

www.procurve.com



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