

HP Education Services Course Description

ProCurve Mobility v8.21 (HH252)



This 3-day course helps network engineers obtain the knowledge and skills required to design, deploy, manage, and troubleshoot IEEE 802.11-based wireless networks. The course provides hands-on experience in configuring and troubleshooting ProCurve mobility infrastructure devices and in using ProCurve Mobility Manager (PMM 2.0) to plan and adjust wireless coverage. ProCurve course number is 53343.

Audience

- ProCurve Networking channel partner systems engineers, network engineers, and other networking professionals

Prerequisites

- Successful completion of ProCurve Wireless Fundamentals v8.21 and its associated self assessment exam (Note: the ASE – ProCurve Networking & Mobility [2008] certification exam HPO-Y18 includes questions on the material covered in this pre-study.)
- Adaptive EDGE Fundamentals (AEF v6.11 or higher)
- ProCurve Networking Security (v7.31 or higher)

Course Objective

Learn how to:

- List the features of the AP 420 and AP 530 and, given a set of customer requirements, select the appropriate AP
- Install and begin to configure the AP 420 and AP 530
- List the features of the ProCurve Wireless LAN System, including the Wireless Edge Services Module, the Redundant Wireless Services Module, the wireless services-enabled switch, and the radio ports (RPs)
- Describe the options for deploying a Wireless Edge Services Module and its associated RPs
- Configure static WEP, dynamic WEP, and 802.1X for WLANs on a ProCurve AP 420, AP 530, and Wireless Edge Services Module
- Configure the internal RADIUS server on the AP 530 and the Wireless Edge Services Module
- Define radio settings on the AP 420, AP 530, and the Wireless Edge Services Module
- Describe ProCurve antennas, identify environments in which they meet the coverage and capacity requirements, and configure ProCurve products to use them

Benefits to You

- Learn how to configure and manage a wireless network that integrates with a wired network, creating a single unified network
- Participate in hands-on training that will help you manage and support wireless networks in a real-world environment
- Learn how to plan radio frequency (RF) coverage, based on the unique environment and users' needs
- Learn how to monitor a wireless network and adjust coverage as needed
- Learn how to troubleshoot common problems that occur in wireless networks

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- Online instructor-led and self-paced training at <http://www.hp.com/education>

Course Title: ProCurve Mobility v8.21

HP Product Number: HH252

Category/Subcategory: ProCurve

Course Length: 3 days; 50 % lecture; 50 % hands-on lab

Level: Intermediate level of proficiency

Delivery Language: Varies by country

To Order: You can order this course online at <http://www.hp.com/learn>. At the site, select a country, then choose "registration" or "Book a course" and fill out the online registration form

Next Steps: ProCurve Mobility v8.21 prepares participants for ASE—ProCurve Networking & Mobility [2008] certification within the HP Certified Professional program. The exam number is HPO-Y18. The certification test is offered at Prometric test centers. For registration information, contact your HP representative or visit <http://www.procurve.com/network-training/certifications/index.htm>

Detailed Course Outline

Module 1: ProCurve Mobility Solutions

Module 2: ProCurve Access Point 420 and Access Point 530

Module 3: ProCurve Wireless LAN System

Module 4: Wireless Network Security

Module 5: Radio Technologies

Module 6: Advanced Configuration Settings

Module 7: Managing Wireless Networks with ProCurve Mobility Manager

Module 8: Designing Wireless Networks

Module 9: Troubleshooting Wireless Networks

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