

# HP Education Services Course Description

ProCurve Network Immunity Solutions v8.21 (HJ835)



This 2-day course provides network engineers with the knowledge and skills required to use the ProCurve Network Immunity Manager (NIM) to protect their network from malware, denial of service (DoS) attacks, and other threats. The course provides hands-on experience in configuring and troubleshooting NIM both as a standalone threat detection and threat mitigation solution and as a combined solution with a third-party Intrusion Detection System (IDS). ProCurve course code is 48679.

## Audience

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

## Prerequisites

- Adaptive EDGE Fundamentals (v6.11 or later)
- ProCurve Security (v7.31 or later)
- Building ProCurve Resilient, Adaptive Networks (v7.42 or later)
- ProCurve Network Management (v6.41 or later)

## Course Objective

Learn how to:

- Explain why a network immunity solution is vital to protecting your network from emerging threats
- Define Intrusion Detection System (IDS), Intrusion Prevention System (IPS), and Unified Threat Management (UTM)
- Describe the components of the ProCurve Network Immunity Manager (NIM)
- List the options for deploying the Network Immunity Solution and give reasons for choosing a particular option
- Install PCM+ and NIM, setting initial parameters to support NIM's functions
- Describe how NIM automatically monitors your network with default alerts, actions, and policies
- Describe the types of events that can trigger an alert in ProCurve NIM
- List actions NIM can take and choose appropriate actions to respond to particular alerts
- Describe the capabilities of various ProCurve switches for supporting NIM
- Configure alerts and actions and create basic NIM policies

## Benefits to You

- Understand network behavior anomaly detection (NBAD) and how anomalous behavior corresponds to actual threats launched against a network
- Learn how to fine tune NIM's threat detection capabilities for their environment, as well as how to design the most suitable threat mitigation policies for their environment.
- Experience hands-on training that will help them configure NIM both as a standalone solution and as a combined solution with a third-party IDS
- Learn how to troubleshoot common problems that can stand in the way of effective threat detection and mitigation

## Why education services from HP?

- Experienced and best-in-the-field HP instructors
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- Online instructor-led and self-paced training at <http://www.hp.com/education>

**Course Title:** ProCurve Network Immunity Solutions v8.21

**HP Product Number:** HJ835

**Category/Subcategory:** ProCurve

**Course Length:** 2 days; 60 % lecture; 40 % 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 Network Immunity Solutions prepares participants for one of the required exams for MASE - ProCurve Security Solutions Specialist [2008] certification within the HP Certified Professional program. The exam number is HPO-Y16. 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 Network Immunity Overview**

**Module 2: Threat Detection and Mitigation**

**Module 3: ProCurve Network Immunity  
Solution—NIM + IDS**

**Module 4: Reports and Analysis**

**Module 5: Security Policy Management**

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