

CI - IPS

Implementing Cisco Intrusion Prevention System v6.0

Summary

Duration

4 Days

Vendor

Cisco

Category

Security / CCSP



Introduction

Securing Networks Using Intrusion Prevention Systems (IPS) v6.0 is an update to IPS v5.0. This new updated course focuses on using the Cisco Intrusion Detection System v5.0 product to protect network systems from intrusions and security threats. The course covers important new IPS 6.0 features. The IPS 6.0 course takes a task-oriented approach to teaching the skills to deploy, configure, and administer Cisco IPS sensors.

Prerequisites

Students who attend this advanced course must have experience in configuring Cisco IOS software and have met the following prerequisites:

- Certification as a CCNA Security or the equivalent knowledge.
- Basic knowledge of the Windows operating system

Course Objectives

After completing this course the student should be able to deploy, configure, and administer Cisco IPS sensors to protect network devices as well as efficiently manage IPS alarms.

Course Outline

- Lesson 1: Intrusion Prevention Overview
- Lesson 2: Getting Started with the IPS Command Line Interface
- Lesson 2: Lab Exercise Getting Started with the IPS Command Line Interface
- Lesson 3: Using the IPS Device Manager
- Lesson 3: Lab Exercise Using the IPS Device Manager
- Lesson 4: Basic Sensor Configuration
- Lesson 4: Lab Exercise Basic Sensor Configuration
- Lesson 5: Cisco Intrusion Prevention System Signatures and Alarms
- Lesson 5: Lab Exercise Signatures and Alarms
- Lesson 6: Signature Engines
- Lesson 7: Signature Configuration
- Lesson 7: Lab Exercise Signature Configuration
- Lesson 8: Tuning the Sensor
- Lesson 8: Lab Exercise Tuning the Sensor Using IDM
- Lesson 9: Alarm Monitoring and Management
- Lesson 9: Lab Exercise Alarm Monitoring and Management
- Lesson 10: Configuring Blocking
- Lesson 10: Lab Exercise Configuring Blocking

- Lesson 11: Cisco Intrusion Detection System Module
- Lesson 12: Capturing Network Traffic
- Lesson 13: Maintaining Sensors
- Lesson 14: Verifying System Configuration
- Lesson 14: Lab Exercise Verifying System Configuration
- Lesson 14: Lab Exercise Verifying System Configuration
- Lesson 15: Configuring Anomaly Detection, Passive OS fingerprinting, and CSA Collaboration

Associated Certifications & Exams

The 642-533 IPS Implementing Cisco Intrusion Prevention System exam is associated with the Cisco Certified Security Professional and the Cisco IPS Specialist certifications. This exam tests a candidate's knowledge of implementing the Cisco IPS product.

On successful completion of this course students will receive a Torque IT attendance certificate.