

Implementing Cisco Intrusion Prevention Systems (IPS)

Course Summary

Description

This course focuses on the important, new IPS 6.0 features used to protect network systems from intrusions and security threats. This course takes a task-oriented approach to teaching the skills to deploy, configure, and administer Cisco IPS sensors.

Objectives

At the end of this course, students will be able to:

- Deploy, configure, and administer Cisco IPS sensors to protect network devices as well as efficiently manage IPS alarms

Topics

- Intrusion Prevention Overview
- Getting Started with the IPS Command Line Interface
- Using the IPS Device Manager
- Basic Sensor Configuration
- Cisco Intrusion Prevention System Signatures and Alarms
- Signature Engines
- Signature Configuration
- Tuning the Sensor
- Alarm Monitoring and Management
- Configuring Blocking
- Cisco Intrusion Detection System Module
- Capturing Network Traffic
- Maintaining Sensors
- Verifying System Configuration
- Configuring Anomaly Detection, Passive OS fingerprinting, and CSA Collaboration

Audience

This course is for technicians using or designing networks with Cisco IPS products.

Prerequisites

Suggested prerequisites are CCNA and CCNA Security Certification. Students must possess basic knowledge of the Windows operating system as well as familiarity with networking and security terms and concepts. We also strongly suggest SNRS as a prerequisite.

Duration

Four days