



Course Title: Implementing Cisco Intrusion Prevention System (IPS)
Duration: 5 days

Certification

This course forms a part of the CCSP and completes course material for exam **642-533 IPS**

Objectives

After completing this course the delegate will be able to:

- Installing an IPS sensor appliance in the Network and initialise it
- Use IDM to configure built-in signatures to meet the requirements of a given security policy
- Describe the functions of signature engines and their parameters and will use IDM to tune and create signatures
- IDM will be used to tune a sensor to work optimally in the network and will use the Monitoring Centre for Security and Cisco Threat Response
- Install both the NM-CIDS in a router and initialise it
- Install and recover the sensor software image and perform service pack and signature updates

Pre-Requisites

- Cisco Certified Networking Associate (CCNA)
- Familiarity with the networking and security terms and concepts
- Experience in configuring Cisco IOS software

Content

- Course Introduction
- Security Fundamentals
- Intrusion Prevention Overview
- Getting Started with the IDS Command Line Interface
- Using IDM Sensor Configuration
- Cisco Intrusion Detection System Alarms and Signatures
- Signature Engines
- Signature Configuration
- Sensor Tuning
- Alarm Monitoring and Management
- Blocking Configuration
- Cisco Intrusion Detection System Network Module
- Intrusion Detection System Module Configuration
- Capturing Network Traffic for Intrusion Detection Systems
- Sensor Maintenance
- Verifying System Configuration