

## Implementing Cisco Intrusion Prevention System (IPS) 7.0

Duration 5 Days

### COURSE CONTENT

The Implementing Cisco Intrusion Prevention System (IPS) course is part of the curriculum path leading to the Cisco Certified Network Professional Security (CCNP Security) certification. It is a five-day instructor-led course aimed at providing network security engineers with the knowledge and skills needed to deploy Cisco IPS-based security solutions. Successful graduates will be able to reduce risk to the IT infrastructure and applications using Cisco IPS features, and provide detailed operations support for the Cisco IPS.

### COURSE OBJECTIVE

Upon completing this course, the learner will be able to meet these overall objectives:

- Evaluate products and deployment architectures for the Cisco IPS product line.
- Perform an initial implementation of a Cisco IPS sensor.
- Implement an initial security policy using a Cisco IPS sensor according to local policies and environmental requirements.
- Deploy customized policies to adapt Cisco IPS traffic analysis and response to the target environment.
- Implement a basic Cisco IPS data management and analysis solution.
- Implement complex Cisco IPS policy virtualization, high availability, and high performance solutions according to policy and environmental requirements.
- Perform the initial setup of, and maintain specific Cisco IPS hardware.

### COURSE OUTLINE

- Introduction to Intrusion Prevention and Detection, Cisco IPS Software, and Supporting Devices
- Installing and Maintaining Cisco IPS Sensors
- Applying Cisco IPS Security Policies
- Adapting Traffic Analysis and Response to the Environment
- Managing and Analyzing Events
- Deploying Virtualization, High Availability, and High Performance Solutions
- Configuring and Maintaining Specific Cisco IPS Hardware

### WHO SHOULD ATTEND

- Channel Partner / Reseller
- Customer
- Employee

### PREREQUISITES

The knowledge and skills that a learner must have before attending this course:

*Cisco Certified Network Associate (CCNA) certification*

- Interconnecting Cisco Network Devices 1 (ICND1)
- Interconnecting Cisco Network Devices 2 (ICND2)

*Cisco Certified Network Associate Security (CCNA Security) certification*

- Implementing Cisco IOS Network Security (IINS)
- Working knowledge of the Microsoft Windows operating system