

**Course Title: Implementing Cisco Intrusion Prevention System (CI-IPS 7)****Course Duration: 4 Days****Prerequisites**

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

- 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.

**Course Content**

The Implementing Cisco Intrusion Prevention System (IPS) v7.0 course is an instructor-led course presented by Cisco training partners to their end-user customers. This five-day course aims at providing network security engineers with the knowledge and skills needed to deploy Cisco Intrusion Prevention System (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 Objectives**

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