Implementing Cisco Intrusion Prevention System v7

Overview

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.

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) and 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.

Delegates will learn how to

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