

Cisco® Managing Enterprise Security with Cisco® Security Manager v4.0 (SSECMGT)

Course Overview

This is a 5-day class

Cisco Security Manager (CSM) is an enterprise-class management application designed to configure firewalls, VPNs, and IPS security services. CSM can be used in networks of all sizes by using policy-based management techniques.

Who Should Attend

This course is designed for anyone interested in managing policy consistency and multiple Cisco security devices. Network security engineers working in the enterprise sector will also benefit greatly. A CCNP-Security certification, or equivalent knowledge, and a strong practical background in networking and routing is assumed.

Course Objectives

- CSM overview and real-world deployment scenarios
- Managing devices in CSM
- Policy inheritance and policy sharing features in CSM
- Creating and managing policies
- Using and managing objects in CSM
- Using Map view to link maps and create a drill-down action map
- Using Map view and the Cisco AnyConnect client to create site-to-site VPNs and remote access VPNs, including SSL VPNs
- Firewall services and objects that are used to manage firewall-related policies
- Configuring platform policies on firewall devices
- Configuring platform-specific services and policies on Cisco IPS sensors and Cisco IOS IPS devices, Cisco IOS routers, Catalyst 6500 Series switches, and Cisco 7600 Series routers
- Tight integration and cross-launch functionality of the Cisco MARS to CSM using an IPS event
- Best use of FlexConfig features
- Managing deployments and configuration changes using Workflow and Non-Workflow mode
- Viewing e-mails that management will review and take action on
- Monitoring, troubleshooting, and diagnostic tools available in CSM
- CSM 4.0 license changes
- BOTNET and Global Correlation configuration support for Cisco ASA and IPS devices
- Configuring SSL VPNs in CSM using AnyConnect 3.0 and CSD 3.5

Course Outline

1 CSM Overview

Using CSM
Managing Devices
Managing Policies
Managing Objects
Using Map View

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2 Firewall Policy Management

- Managing Firewall Services
- Managing Firewall Devices
- Event Monitoring and Rule Correlation for Firewalls

3 VPN Policy Configuration

- Managing VPNs
- Managing Remote Access IPsec VPNs
- Configuring Client-Based SSL VPNs
- Configuring Clientless SSL VPNs
- Configuring Advanced VPN Configurations
- Deploying Advanced VPN Technologies

4 Cisco IPS Solutions Management

- Managing Cisco IPS Services
- Managing Cisco IPS Devices
- Managing Cisco IPS Events

5 Cisco IOS Device Provisioning

- Managing Routers
- Using the Cisco Catalyst 6500 Series Switch and Cisco 7600 Series Router Device Manager

6 Management, Deployment, and Administration of FlexConfigs in CSM

- Managing FlexConfigs
- Managing Activities and Workflow Deployments
- Implementing Integration Between CSM and Cisco Secure ACS
- Backing Up and Restoring CSM Databases
- Using Monitoring, Troubleshooting, and Diagnostic Tools