

SSNGFW-SECURING NETWORKS WITH CISCO FIREPOWER NEXT GENERATION FIREWALL V1.0

Course Code: 100700

This hands-on course shows you how to deploy and use the Cisco Firepower Threat Defense system.

The *SSNGFW - Securing Networks with Cisco Firepower Next Generation Firewall v1.0* course gives you knowledge and skills to use and configure Cisco Firepower Threat Defense technology, beginning with initial device setup and configuration and including routing, high availability, Cisco Adaptive Security Appliance (ASA) to Cisco Firepower Threat Defense migration, traffic control, and Network Address Translation (NAT). You will learn how to implement advanced Next-Generation Firewall (NGFW) and Next-Generation Intrusion Prevention System (NGIPS) features, including network intelligence, file type detection, network-based malware detection, and deep packet inspection.

This course is eligible for 40 Continuing Education Credits (ILT & ELT Modality).

What You'll Learn

- Describe key concepts of NGIPS and NGFW technology and the Cisco Firepower Threat Defense system, and identify deployment scenarios
- Perform initial Cisco Firepower Threat Defense device configuration and setup tasks
- Describe how to manage traffic and implement Quality of Service (QoS) using Cisco Firepower Threat Defense
- Describe how to implement NAT by using Cisco Firepower Threat Defense
- Perform an initial network discovery, using Cisco Firepower to identify hosts, applications, and services
- Describe the behavior, usage, and implementation procedure for access control policies
- Describe the concepts and procedures for implementing security intelligence features
- Describe Cisco Advanced Malware Protection (AMP) for Networks and the procedures for implementing file control and advanced malware protection
- Implement and manage intrusion policies

- Describe the components and configuration of site-to-site VPN
- Describe and configure a remote-access SSL VPN that uses Cisco AnyConnect
- Describe SSL decryption capabilities and usage
- Implement Cisco Firepower NGFW to provide advanced threat protection before, during, and after attacks
- Gain leading-edge skills for high-demand responsibilities focused on security

You will also learn how to configure site-to-site VPN, remote-access VPN, and SSL decryption before moving on to detailed analysis, system administration, and troubleshooting.

This course helps you prepare to take the Securing Networks with Cisco Firepower (300-710 SNCF) exam, which leads to CCNP Security and Cisco Certified Specialist – Network Security Firepower certifications. The 300-710 SNCF exam has a second preparation course as well, *SSFIPS - Securing Networks with Cisco Firepower Next-Generation Intrusion Prevention System v4.0*. You can take these courses in any order.

Who Needs to Attend

- Security administrators
- Security consultants
- Network administrators
- System engineers
- Technical support personnel
- Cisco integrators and partners

Prerequisites

- Knowledge of TCP/IP and basic routing protocols
- Familiarity with firewall, VPN, and Intrusion Prevention System (IPS) concepts

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