



Securing Data Center Networks and VPNs with Cisco Secure Firewall Threat Defense (SFWIPA)

COURSE OVERVIEW

The Securing Data Center Networks and VPNs with Cisco Secure Firewall Threat Defense training shows you how to deploy and configure Cisco Secure Firewall Threat Defense system and its features as a data center network firewall or as an Internet Edge firewall with Virtual Private Network (VPN) support. You will learn how to configure identity-based policies, Secure Sockets Layer (SSL) decryption, remote-access VPN, and site-to-site VPN before moving on to advanced Intrusion Prevention System (IPS) configuration and event management, integrations with other systems, and advanced troubleshooting. You will also learn how to automate configuration and operations of Cisco Secure Firewall Threat Defense system using programmability and Application Programming Interfaces (APIs) and how to migrate configuration from Cisco Secure Firewall Adaptive Security Appliances (ASA).

This training prepares you for the 300-710 Securing Networks with Cisco Firepower (SNCF) exam. If passed, you earn the Cisco Certified Specialist – Network Security Firepower certification and satisfy the concentration exam requirement for the Cisco Certified Networking Professional (CCNP) Security certification. This training also earns you 40 Continuing Education (CE) credits toward recertification.

WHO WILL BENEFIT FROM THIS COURSE?

- System Installers
- System Integrators
- System Administrators
- Network Administrators
- Solutions Designers

PREREQUISITES

The knowledge and skills you are expected to have before attending this training are:

- Knowledge of Transmission Control Protocol/Internet Protocol (TCP/IP)
- Basic knowledge of routing protocols
- Familiarity with the content explained in the Securing Internet Edge with Cisco Secure Firewall Threat Defense training.

These skills can be found in the following Cisco Learning Offerings:

- Implementing and Administering Cisco Solutions 2.0
- Fundamentals of Cisco Firewall Threat Defense and Intrusion Prevention 1.0



COURSE OBJECTIVES

- Describe Cisco Secure Firewall Threat Defense
- Describe advanced deployment options on Cisco Secure Firewall Threat Defense
- Describe advanced device settings for Cisco Secure Firewall Threat Defense device
- Configure dynamic routing on Cisco Secure Firewall Threat Defense
- Configure advanced network address translation on Cisco Secure Firewall Threat Defense
- Configure SSL decryption policy on Cisco Secure Firewall Threat Defense
- Deploy Remote Access VPN on Cisco Secure Firewall Threat Defense
- Deploy identity-based policies on Cisco Secure Firewall Threat Defense
- Deploy site-to-site IPsec-based VPN on Cisco Secure Firewall Threat Defense
- Deploy advanced access control settings on Cisco Secure Firewall Threat Defense
- Describe advanced event management on Cisco Secure Firewall Threat Defense
- Describe available integrations with Cisco Secure Firewall Threat Defense
- Troubleshoot traffic flow using advanced options on Cisco Secure Firewall Threat Defense
- Describe benefits of automating configuration and operations of Cisco Secure Firewall Threat Defense
- Describe configuration migration to Cisco Secure Firewall Threat Defense

COURSE OUTLINE

Course Outline

- Introducing Cisco Secure Firewall Threat Defense
- Describing Advanced Deployment Options on Cisco Secure Firewall Threat Defense
- Configuring Advanced Device Settings on Cisco Secure Firewall Threat Defense
- Configuring Dynamic Routing on Cisco Secure Firewall Threat Defense
- Configuring Advanced NAT on Cisco Secure Firewall Threat Defense
- Configuring SSL Policy on Cisco Secure Firewall Threat Defense
- Deploying Remote Access VPN on Cisco Secure Firewall Threat Defense
- Deploying Identity-Based Policies on Cisco Secure Firewall Threat Defense
- Deploying Site-to-Site VPN on Cisco Secure Firewall Threat Defense
- Configuring Snort Rules and Network Analysis Policies
- Describing Advanced Event Management Cisco Secure Firewall Threat Defense
- Describing Integrations on Cisco Secure Firewall Threat Defense
- Troubleshooting Advanced Traffic Flow on Cisco Secure Firewall Threat Defense
- Automating Cisco Secure Firewall Threat Defense
- Migrating to Cisco Secure Firewall Threat Defense

Lab Outline

- Deploy Advanced Connection Settings
- Configure Dynamic Routing
- Configure SSL Policy
- Configure Remote Access VPN
- Configure Site-to-Site VPN
- Customize IPS and NAP Policies



- Configure Cisco Secure Firewall Threat Defense Integrations
- Troubleshoot Cisco Secure Firewall Threat Defense
- Migrate Configuration from Cisco Secure Firewall ASA

WHY TRAIN WITH SUNSET LEARNING INSTITUTE?

Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their technology Investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team

- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience

- You have the option to attend classes live with the instructor, at any of our established training facilities, or from the convenience of your home or office
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

Outstanding Customer Service

- You will work with a dedicated account manager to suggest the optimal learning path for you and/or your team
- An enthusiastic student services team is available to answer any questions and ensure a quality training experience

Interested in Private Group Training?

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