

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).

Course Contents

- 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

E-Book You will receive the original course documentation from Cisco in English language as a Cisco E-Book. In the Cisco Digital Learning Version, the content of the courseware is integrated into the learning interface instead.

Target Group

- 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 1.0
- Securing Internet Edge with Cisco Secure Firewall Threat Defense 1.0

Course Target

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.

Processing time

approx. 30 hours

This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

www.experteach-training.com/go/SFWA

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Cisco Digital Learning

This course is available in the Cisco Digital Learning Library. These recently developed, multi-modal training events include HD videos moderated by lecturers with stored searchable text and subtitles, as well as exercises, labs, and explanatory text and graphics. We provide this offer to you via our myExpertTeach learning portal. Effective of the activation of the account, access to the courses will be granted for a duration of 6 months. In the case of packet solutions (Cisco Digital Learning Subscriptions), this time period will amount to 12 months.

Cisco Digital Learning	Prices, excl. of V.A.T.
6 months activation	€ 900

Training	Prices, excl. of V.A.T.
Classes in Germany	5 Days € 3,495
Online Training	5 Days € 3,495
Date/course venue	Course language German
07/07-11/07/25 Düsseldorf	22/09-26/09/25 Online
07/07-11/07/25 Online	01/12-05/12/25 Düsseldorf
22/09-26/09/25 Hamburg	01/12-05/12/25 Online

Status 04/24/2025

Table of Contents

SFWIPA – Advanced Techniques for Cisco Firewall Threat Defense and Intrusion Prevention

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

