# Advanced Techniques for Cisco Firewall Threat Defense and Intrusion Prevention (SFWIPA)

**Category:** Networking & Security | **Vendor:** Cisco

**Duration:** 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

## Course Information

| | |
|---|---|
| **Delivery Format:** | Instructor Led - Online |
| **Certification:** | Cisco Certified Specialist – Network Security Firepower, Cisco Certified Networking Professional (CCNP) Security |
| **Related Exam:** | 300-710 |

## 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.

How You'll Benefit

This training will help you:

- Attain advanced knowledge of Cisco Secure Firewall Threat Defense technology
- Gain competency and skills required to implement and manage a Cisco Secure Firewall Threat Defense system regardless of platform
- Learn detailed information on policy management, traffic flow through the system, and the system architecture
- Deploy and manage many of the advanced features available in the Cisco Secure Firewall Threat Defense system
- Gain knowledge for protocols, solutions, and designs to acquire professional-level and expert-level data center roles
- Earn 40 CE credits toward recertification

What to Expect in the Exam

300-710 SNCF: Securing Networks with Cisco Firepower is a 90-minute exam associated with the Cisco Certified Specialist – Network Security Firepower certification and satisfies the concentration exam requirement for the CCNP Security certification.

The multiple-choice format tests your knowledge of Cisco Firepower Threat Defense and Firepower 7000 and 8000 Series virtual appliances, including:

- Policy configurations
- Integrations
- Deployments
- Management and troubleshooting

## About This Course

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.

How You'll Benefit

This training will help you:

- Attain advanced knowledge of Cisco Secure Firewall Threat Defense technology
- Gain competency and skills required to implement and manage a Cisco Secure Firewall Threat Defense system regardless of platform
- Learn detailed information on policy management, traffic flow through the system, and the system architecture
- Deploy and manage many of the advanced features available in the Cisco Secure Firewall Threat Defense system
- Gain knowledge for protocols, solutions, and designs to acquire professional-level and expert-level data center roles
- Earn 40 CE credits toward recertification

What to Expect in the Exam

300-710 SNCF: Securing Networks with Cisco Firepower is a 90-minute exam associated with the Cisco Certified Specialist – Network Security Firepower certification and satisfies the concentration exam requirement for the CCNP Security certification.

The multiple-choice format tests your knowledge of Cisco Firepower Threat Defense and Firepower 7000 and 8000 Series virtual appliances, including:

- Policy configurations
- Integrations
- Deployments
- Management and troubleshooting

## Who Should Attend

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

## Prerequisites & Entry Requirements

**General 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 (CCNA)
- Fundamentals of Cisco Firewall Threat Defense and Intrusion Prevention (SFWIPF)

## Learning Outcomes

**Upon successful completion of this course, participants will be able to:**

- 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

## Detailed 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

### □□ Certification Path

Cisco Certified Specialist – Network Security Firepower, Cisco Certified Networking Professional (CCNP) Security

Exam: 300-710

**Skills You Will Learn:**

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

# Frequently Asked Questions

### Q: What delivery options are available for Advanced Techniques for Cisco Firewall Threat Defense and Intrusion Prevention (SFWIPA)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

---

### Q: What certification does this course prepare me for?

The Advanced Techniques for Cisco Firewall Threat Defense and Intrusion Prevention (SFWIPA) course helps prepare you for the Cisco Certified Specialist – Network Security Firepower, Cisco Certified Networking Professional (CCNP) Security certification path.

---

### Q: Which exam does this course prepare me for?

This course prepares you for the 300-710 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

---

### Q: How many CPD hours does this course provide?

The 5-day Advanced Techniques for Cisco Firewall Threat Defense and Intrusion Prevention (SFWIPA) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

---

### Q: What is the duration of the Advanced Techniques for Cisco Firewall Threat Defense and Intrusion Prevention (SFWIPA) training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

---

### Q: Do you provide corporate training for Advanced Techniques for Cisco Firewall Threat Defense and Intrusion Prevention (SFWIPA)?

Yes, we provide corporate training, dedicated training, and closed classes for Advanced Techniques for Cisco Firewall Threat Defense and Intrusion Prevention (SFWIPA). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

---

### Q: What related terms do people search for?

Popular related searches include: Advanced Techniques for Cisco Firewall Threat Defense and Intrusion Prevention, Cisco Professional Level Security - CCNP, SFWIPA

---

### Q: Why choose Nexus Human for Advanced Techniques for Cisco Firewall Threat Defense and Intrusion Prevention (SFWIPA)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

---

### Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Advanced Techniques for Cisco Firewall Threat Defense and Intrusion Prevention (SFWIPA) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.


## Nexus Human

**Professional Training & Development**

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

© 2026 Nexus Human. All rights reserved. This brochure was generated on 14/11/2026.