

# Fundamentals of Cisco Firewall Threat Defense and Intrusion Prevention (SFWIPF)

**ID SFWIPF** Price 3,995.— €(excl. tax) **Duration 5 days**

## Course Overview

The Fundamentals of Cisco Firewall Threat Defense and Intrusion Prevention (SFWIPF) training shows you how to implement and configure Cisco Secure Firewall Threat Defense for deployment as a next generation firewall at the internet edge. You'll gain an understanding of Cisco Secure Firewall architecture and deployment, base configuration, packet processing and advanced options, and conducting Secure Firewall administration troubleshooting.

This training prepares you for the CCNP Security certification, which requires passing the 350-701 Implementing and Operating Cisco Security Core Technologies (SCOR) core exam and one concentration exam such as the 300-710 Securing Networks with Cisco Firepower (SNCF) concentration exam. This training also earns you 40 Continuing Education (CE) credits towards recertification.

## How You'll Benefit

This training will teach you how to implement, configure, and manage Cisco Secure Firewall Threat Defense for deployment, including:

- Configure settings and policies on Cisco Secure Firewall Threat Defense
- Gain an understanding of Cisco Secure Firewall Threat Defense policies and explain how different policies influence packet processing through the device
- Perform basic threat analysis and administration tasks using Cisco Secure Firewall Management Center

## What to Expect in the Exam

350-701 SCOR: Implementing and Operating Cisco Security Core Technologies is a 120-minute exam associated with the CCNP Security certification. The multiple-choice format tests knowledge

and skills related to implementing and operating core security technologies, including:

- Network security
- Cloud security
- Content security
- Endpoint protection and detection
- Secure network access
- Visibility and enforcement

?300-710 SNCF: Securing Networks with Cisco Firepower is a 90-minute exam associated with the CCNP Security certification. The multiple-choice format tests 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

- Network security engineers
- Administrators

## This course is part of the following Certifications

Cisco Certified Network Professional Security (CCNP SECURITY)

## Prerequisites

Before taking this offering, you should understand:

- TCP/IP
- Basic routing protocols
- Firewall, VPN, and IPS concepts

## Course Objectives

- Describe Cisco Secure Firewall Threat Defense
  - Describe Cisco Secure Firewall Threat Defense Deployment Options
  - Describe management options for Cisco Secure Firewall Threat Defense
  - Configure basic initial settings on Cisco Secure Firewall Threat Defense
  - Configure high availability on Cisco Secure Firewall Threat Defense
  - Configure basic Network Address Translation on Cisco Secure Firewall Threat Defense
  - Describe Cisco Secure Firewall Threat Defense policies and explain how different policies influence packet processing through the device
  - Configure Discovery Policy on Cisco Secure Firewall Threat Defense
  - Configure and explain prefilter and tunnel rules in prefilter policy
  - Configure an access control policy on Cisco Secure Firewall Threat Defense
  - Configure security intelligence on Cisco Secure Firewall Threat Defense
  - Configure file policy on Cisco Secure Firewall Threat Defense
  - Configure Intrusion Policy on Cisco Secure Firewall Threat Defense
  - Perform basic threat analysis using Cisco Secure Firewall Management Center
  - Perform basic management and system administration tasks on Cisco Secure Firewall Threat Defense
  - Perform basic traffic flow troubleshooting on Cisco Secure Firewall Threat Defense
  - Manage Cisco Secure Firewall Threat Defense with Cisco Secure Firewall Threat Defense Manager
- Configuring Access Control Policy on Cisco Secure Firewall Threat Defense
  - Configuring Security Intelligence on Cisco Secure Firewall Threat Defense
  - Configuring File Policy on Cisco Secure Firewall Threat Defense
  - Configuring Intrusion Policy on Cisco Secure Firewall Threat Defense
  - Performing Basic Threat Analysis on Cisco Secure Firewall Management Center
  - Managing Cisco Secure Firewall Threat Defense System
  - Troubleshooting Basic Traffic Flow
  - Cisco Secure Firewall Threat Defense Device Manager

### Detailed Course Outline

- Introducing Cisco Secure Firewall Threat Defense
- Describing Cisco Secure Firewall Threat Defense Deployment Options
- Describing Cisco Secure Firewall Threat Defense Management Options
- Configuring Basic Network Settings on Cisco Secure Firewall Threat Defense
- Configuring High Availability on Cisco Secure Firewall Threat Defense
- Configuring Auto NAT on Cisco Secure Firewall Threat Defense
- Describing Packet Processing and Policies on Cisco Secure Firewall Threat Defense
- Configuring Discovery Policy on Cisco Secure Firewall Threat Defense
- Configuring Prefilter Policy on Cisco Secure Firewall Threat

# About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

## Fast Lane Services

- ✓ High End Technology Training
- ✓ Business & Soft Skill Training
- ✓ Consulting Services
- ✓ Managed Training Services
- ✓ Digital Learning Solutions
- ✓ Content Development
- ✓ Remote Labs
- ✓ Talent Programs
- ✓ Event Management Services

## Training Methods

- ✓ Classroom Training
- ✓ Instructor-Led Online Training
- ✓ FLEX Classroom – Classroom & Online Hybrid
- ✓ Onsite & Customized Training
- ✓ E-Learning
- ✓ Blended & Hybrid Learning
- ✓ Mobile Learning

## Technologies & Solutions

- ✓ Digital Transformation
- ✓ Artificial Intelligence
- ✓ Cloud
- ✓ Networking
- ✓ Cyber Security
- ✓ Wireless & Mobility
- ✓ Modern Workplace
- ✓ Data Center



**Worldwide Presence**  
with high-end training centers  
around the globe



**Multiple Awards**  
from vendors such as AWS,  
Microsoft, Cisco, Google, NetApp,  
VMware



**Experienced SMEs**  
with over 19.000 combined  
certifications

### Germany

**Fast Lane Institute for Knowledge  
Transfer GmbH**  
Tel. +49 40 25334610  
info@flane.de / www.flane.de

### Austria

**ITLS GmbH**  
(Partner of Fast Lane)  
Tel. +43 1 6000 8800  
info@itls.at / www.itls.at

### Switzerland

**Fast Lane Institute for Knowledge  
Transfer (Switzerland) AG**  
Tel. +41 44 8325080  
info@flane.ch / www.flane.ch