

Securing Networks with Cisco Firepower Next-Generation IPS (SSFIPS)

- **Formato do curso:** Presencial e Live Training
- **Preço:** 3795€
- **Duração:** 35 horas

The **Securing Networks with Cisco Firepower Next-Generation IPS (SSFIPS)** course shows you how to deploy and use Cisco Firepower® Next-Generation Intrusion Prevention System (NGIPS).

This hands-on course gives you the knowledge and skills to use the platform features and includes firewall security concepts, platform architecture and key features; in-depth event analysis including detection of network-based malware and file type, NGIPS tuning and configuration including application control, security intelligence, firewall, and network-based malware and file controls; Snort® rules language; file and malware inspection, security intelligence, and network analysis policy configuration designed to detect traffic patterns; configuration and deployment of correlation policies to take action based on events detected; troubleshooting; system and user administration tasks, and more.

This course helps you prepare to take the exam, **Securing Networks with Cisco Firepower (300-710 SNCF)**, 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, [Securing Networks with Cisco Firepower Next Generation Firewall \(SSNGFW\)](#). You can take these courses in any order.

This course will help you:

- Implement Cisco Firepower Next-Generation IPS to stop threats, address attacks, increase vulnerability prevention against suspicious files, and analyze for not-yet-identified threats
- Gain leading-edge skills for high-demand responsibilities focused on security

Destinatários

This course is designed for technical professionals who need to know how to deploy and manage a Cisco Firepower NGIPS in their network environment.

- Security administrators

- Security consultants
 - Network administrators
 - System engineers
 - Technical support personnel
 - Channel partners and resellers
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Pré-requisitos

To fully benefit from this course, you should have the following knowledge and skills:

- Technical understanding of TCP/IP networking and network architecture.
 - Basic familiarity with the concepts of Intrusion Detection Systems (IDS) and IPS.
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Objetivos

After taking this course, you should be able to:

- Describe the components of Cisco Firepower Threat Defense and the managed device registration process
 - Detail Next-Generation Firewalls (NGFW) traffic control and configure the Cisco Firepower system for network discovery
 - Implement access control policies and describe access control policy advanced features
 - Configure security intelligences features and the Advanced Malware Protection (AMP) for Networks implementation procedure for file control and advanced malware protection
 - Implement and manage intrusion and network analysis policies for NGIPS inspection
 - Describe and demonstrate the detailed analysis techniques and reporting features provided by the Cisco Firepower Management Center
 - Integrate the Cisco Firepower Management Center with an external logging destination
 - Describe and demonstrate the external alerting options available to Cisco Firepower Management Center and configure a correlation policy
 - Describe key Cisco Firepower Management Center software update and user account management features
 - Identify commonly misconfigured settings within the Cisco Firepower Management Center and use basic commands to troubleshoot a Cisco Firepower Threat Defense device
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Metodologia

- Instructor-led classroom: 5 days in the classroom with hands-on lab practice
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Programa

Lab Outline

- Initial Device Setup
- Device Management
- Configuring Network Discovery
- Implementing and Access Control Policy
- Implementing Security Intelligence
- File Control and Advanced Malware Protection
- Implementing NGIPS
- Customizing a Network Analysis Policy
- Detailed Analysis
- Configuring Cisco Firepower Platform Integration with Splunk
- Configuring Alerting and Event Correlation
- System Administration
- Cisco Firepower Troubleshooting