

# Implementing and Operating Cisco Security Core Technologies

Course code: SCOR

This is the main course, which is designed to prepare for CCNP Security certification, and the test from this course is also used to complete the CCIE Security lab. This five-day course will prepare network security engineers for the basic skills and knowledge needed to configure Cisco security solutions using Cisco ASA and FirePOWER NGFW firewalls. They will also learn the basic configuration and management of email (ESA) and Web (WSA) security gateways, and the concepts and configuration of VPN technology for site-to-site and remote access based on IPSec and SSL protocols.

## What we teach you

- Describing Network Security Technologies
- Deploying the Cisco ASA firewall
- Basic configuration of Cisco ASA firewall
- Deploying the Cisco FirePOWER firewall
- Basic configuration of Cisco FirePOWER firewall
- Deploying the Cisco ESA Gateway
- Basic Cisco ESA Gateway configuration
- Deploying the Cisco WSA Gateway
- Basic configuration of the Cisco WSA gateway
- Cryptographic concepts and VPN technologies
- Configure site-to-site VPN on IOS devices using VTI
- Site-to-site VPN configuration on Cisco ASA and FirePOWER firewalls
- Configure Remote Access VPN on Cisco ASA and FirePOWER firewalls

## Required skills

Familiarity with Ethernet and TCP/IP networking, working knowledge of the Windows operating system, working knowledge of Cisco IOS networking and concepts.

## Teaching methods

Professional explanation with practical samples and examples.

## Teaching materials

Electronical guide book for this course.

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