

# Implementing and Operating Cisco Security Core Technologies (SCOR) v2.0

Duration 5 Days

## COURSE DESCRIPTION

The Implementing and Operating Cisco Security Core Technologies (SCOR) training helps you gain the skills and technologies needed to implement core Cisco security solutions. This training will ready you to provide advanced threat protection against cybersecurity attacks and prepare you for senior-level security roles.

This training prepares you for the 350-701 SCOR v1.0 exam. If passed, you earn the Cisco Certified Specialist - Security Core certification and satisfy the core exam requirement for the Cisco Certified Network Professional (CCNP) Security and Cisco Certified Internetwork Expert (CCIE) Security certifications. This training also earns you 64 Continuing Education (CE) credits towards recertification.

## COURSE OUTLINE

- Network Security Technologies
- Cisco Secure Firewall ASA Deployment
- Cisco Secure Firewall Threat Defense Basics
- Cisco Secure Firewall Threat Defense IPS, Malware, and File Policies
- Cisco Secure Email Gateway Basics
- Cisco Secure Email Policy Configuration
- Cisco Secure Web Appliance Deployment
- VPN Technologies and Cryptography Concepts
- Cisco Secure Site-to-Site VPN Solutions
- Cisco IOS VTI-Based Point-to-Point IPsec VPNs
- Point-to-Point IPsec VPNs on the Cisco Secure Firewall ASA and Cisco Secure Firewall Threat Defense
- Cisco Secure Remote-Access VPN Solutions
- Remote-Access SSL VPNs on the Cisco Secure Firewall ASA and Cisco Secure Firewall Threat Defense
- Describing Information Security Concepts
- Describe Common TCP/IP Attacks
- Describe Common Network Application Attacks
- Common Endpoint Attacks
- Cisco Umbrella Deployment
- Endpoint Security Technologies
- Cisco Secure Endpoint
- Cisco Secure Network Access Solutions
- 802.1X Authentication
- 802.1X Authentication Configuration
- Network Infrastructure Protection
- Control Plane Security Solutions
- Layer 2 Data Plane Security Controls
- Layer 3 Data Plane Security Controls

- Management Plane Security Controls
- Traffic Telemetry Methods
- Cisco Secure Network Analytics Deployment
- Cloud Computing and Cloud Security
- Cloud Security
- Cisco Secure Cloud Analytics Deployment
- Software-Defined Networking

## PREREQUISITES

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are:

- Familiarity with Ethernet and TCP/IP networking
- Working knowledge of the Windows operating system
- Working knowledge of Cisco IOS networking and concepts
- Familiarity with basics of networking security concepts

These skills can be found in the following Cisco Learning Offering:  
Implementing and Administering Cisco Solutions (CCNA®)

## WHO SHOULD ATTEND

- Security Engineers
- Network Engineers
- Network Designers
- Network Administrators
- Systems Engineers
- Consulting Systems Engineers
- Technical Solutions Architects
- Cisco Integrators and Partners
- Network Managers
- Program Managers
- Project Managers