

# Implementing and Operating Cisco Security Core Technologies (SCOR)

**Price:** 500

**Duration** 365 Days

**Delivery Methods** eLearning

**URL** [Enroll](#) [Buy Now](#)

## Overview

**The duration of this course is 73 hours, and it is eligible for 64 CE credits towards recertification.**

This 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 v1.1 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.

## How You'll Benefit

This training will help you:

- Gain hands-on experience implementing core security technologies and learn best practices using Cisco security solutions
- Qualify for professional and expert-level security job roles

## Who Should Enroll

- 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

## **Learning Path Objectives**

After taking this course, you should be able to:

- Describe information security concepts and strategies within the network
- Describe security flaws in the transmission protocol/internet protocol (TCP/IP) and how they can be used to attack networks and hosts
- Describe network application-based attacks
- Describe how various network security technologies work together to guard against attacks
- Implement access control on Cisco Secure Firewall Adaptive Security Appliance (ASA)
- Deploy Cisco Secure Firewall Threat Defense basic configurations
- Deploy Cisco Secure Firewall Threat Defense IPS, malware, and fire policies
- Deploy Cisco Secure Email Gateway basic configurations
- Deploy Cisco Secure Email Gateway policy configurations
- Describe and implement basic web content security features and functions provided by Cisco Secure Web Appliance
- Describe various attack techniques against the endpoints
- Describe Cisco Umbrella® security capabilities, deployment models, policy management, and Investigate console
- Provide basic understanding of endpoint security and be familiar with common endpoint security technologies
- Describe Cisco Secure Endpoint architecture and basic features
- Describe Cisco Secure Network Access solutions
- Describe 802.1X and extensible authentication protocol (EAP) authentication
- Configure devices for 802.1X operations
- Introduce VPNs and describe cryptography solutions and algorithms
- Describe Cisco secure site-to-site connectivity solutions
- Deploy Cisco Internetwork Operating System (Cisco IOS®) Virtual Tunnel Interface (VTI)-based point-to-point IPsec VPNs
- Configure point-to-point IPsec VPNs on the Cisco Secure Firewall ASA and Cisco Secure Firewall Threat Defense
- Describe Cisco secure remote access connectivity solutions
- Deploy Cisco secure remote access connectivity solutions
- Provide an overview of network infrastructure protection controls
- Examine various defenses on Cisco devices that protect the control plane
- Configure and verify Cisco IOS software layer 2 data plane controls
- Configure and verify Cisco IOS software and Cisco ASA layer 3 data plane controls
- Examine various defenses on Cisco devices that protect the management plane
- Describe the baseline forms of telemetry recommended for network infrastructure and security devices

- Describe deploying Cisco Secure Network Analytics
- Describe basics of cloud computing and common cloud attacks
- Describe how to secure cloud environment
- Describe the deployment of Cisco Secure Cloud Analytics
- Describe basics of software-defined networks and network programmability

## **Why Professionals Choose TOPTALENT?**

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For questions

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**FAQ**

### **What if I have to reschedule my class due to conflict?**

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to [info@toptalentlearning.com](mailto:info@toptalentlearning.com) to avoid rescheduling penalties.

### **How do I enroll for this class?**

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

### **What happens once I purchase a class?**

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

### **What is your late policy?**

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

### **What happens when I finish my class?**

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.