

Implementing and Operating Cisco Security Core Technologies (SCOR) v1.0

Price: 4295

Duration: 5 days

Delivery Methods: Virtual

Overview

The **Implementing and Operating Cisco Security Core Technologies (SCOR)** is a 5-day course which helps you prepare for the Cisco® CCNP® Security and CCIE® Security certifications and for senior-level security roles. In this course, you will master the skills and technologies you need to implement core Cisco security solutions to provide advanced threat protection against cybersecurity attacks. You will learn security for networks, cloud and content, endpoint protection, secure network access, visibility, and enforcements. You will get extensive hands-on experience deploying Cisco Firepower® Next-Generation Firewall and Cisco Adaptive Security Appliance (ASA) Firewall; configuring access control policies, mail policies, and 802.1X Authentication; and more. You will get introductory practice on Cisco Stealthwatch® Enterprise and Cisco Stealthwatch Cloud threat detection features.

This course, including the self-paced material, prepares you for the exam, **Implementing and Operating Cisco Security Core Technologies (350-701 SCOR)**, which leads to the **CCNP Security, CCIE Security**, and the **Cisco Certified Specialist - Security Core** certifications.

Prerequisites:

The knowledge and skills that the learner should have before attending this course are as follows:

- Skills and knowledge equivalent to those learned in **Implementing and Administering Cisco Solutions (CCNA®) v1.0** course
- 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

Course Objectives:

Upon completing this course, the learner will be able to meet these overall objectives:

- Describe information security concepts and strategies within the network
- Describe common TCP/IP, network application, and endpoint attacks
- Describe how various network security technologies work together to guard against attacks
- Implement access control on Cisco ASA appliance and Cisco Firepower Next-Generation Firewall
- Describe and implement basic email content security features and functions provided by Cisco Email Security Appliance
- Describe and implement web content security features and functions provided by Cisco Web Security Appliance
- Describe Cisco Umbrella® security capabilities, deployment models, policy management, and Investigate console
- Introduce VPNs and describe cryptography solutions and algorithms
- Describe Cisco secure site-to-site connectivity solutions and explain how to deploy Cisco Internetwork Operating System (Cisco IOS®) Virtual Tunnel Interface (VTI)-based point-to-point IPsec VPNs, and point-to-point IPsec VPN on the Cisco ASA and Cisco Firepower Next-Generation Firewall (NGFW)
- Describe and deploy Cisco secure remote access connectivity solutions and describe how to configure 802.1X and Extensible Authentication Protocol (EAP) authentication
- Provide basic understanding of endpoint security and describe Advanced Malware Protection (AMP) for Endpoints architecture and basic features
- Examine various defenses on Cisco devices that protect the control and management plane
- Configure and verify Cisco IOS software Layer 2 and Layer 3 data plane controls
- Describe Cisco Stealthwatch Enterprise and Stealthwatch Cloud solutions
- Describe basics of cloud computing and common cloud attacks and how to secure cloud environment

Who Should Attend

The primary audience for this course is as follows:

- Cisco integrators and partners
- Consulting systems engineer
- Network administrator
- Network designer
- Network engineer
- Network manager
- Security engineer
- Systems engineer
- Technical solutions architect

Course Schedule

Date	Time	Price	Options
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FAQ

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What is your late policy?

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What happens when I finish my class?

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