

## CertKit: Cisco 350-701: Implementing and Operating Cisco Security Core Technologies (SCOR)

The Implementing and Operating Cisco Security Core Technologies (SCOR) CertKit 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.

### Prerequisites:

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

- Skills and knowledge equivalent to those learned in Implementing and Administering Cisco Solutions (CCNA) course
- Working knowledge of the Windows operating system and of Cisco IOS networking and concepts
- Familiarity with basics of networking security concepts

### Course outcome:

- 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
- Describe and implement web content security feature/functions provided by Cisco Web Security Appliance
- Describe Cisco Umbrella security capabilities
- Introduce VPNs and describe cryptography solutions and algorithms
- 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 basics of cloud computing and common cloud attacks and how to secure cloud environment

### Who should attend:

- Network administrators, designers, managers, and engineers
- Security Engineers
- Systems Engineers
- Cisco Integrators and Partners

### CertKit content:

- E-learning courses:
  - SCOR: Security Basics & Common Threats
  - SCOR: Security Vulnerabilities, Attack Mitigations, & Cryptographic Solutions
  - SCOR: PKI & IKE
  - SCOR: VPNs, Security Intelligence, & Social Engineering Attacks
  - SCOR: SDN APIs & Security Appliance API Calls
  - SCOR: Security Models & Frameworks
  - SCOR: DHCP Snooping, DAI, IP Source Guard, Private VLANs, & Storm Control
  - SCOR: Port Security, VLAN Hopping, Network Hardening, & Access Control
  - SCOR: Network Access & Secure Network Management
  - SCOR: Configuring and Verifying VPN & IPsec
  - SCOR: Cloud Deployment, Service Models, Responsibilities, & Security
  - SCOR: Cisco Firepower, Traffic Management, Identity, & Authentication
  - SCOR: Working with ESA, CES, & WSA
  - SCOR: Cisco Umbrella & Endpoint Security
  - SCOR: MDM, MFA, & Endpoint Solutions
  - SCOR: Guest Services, BYOD, 802.1X, & CoA
  - SCOR: Device Compliance, Exfiltration, Telemetry, & Security Products
- MeasureUp Exam simulation
  - 250+ questions
- Online Mentor
- Tips & Tricks