IT-SCOR - Implementing and Operating Cisco Security Core Technologies

Cisco - CCNP Security - Networking

Durata:	Lingue:	Certificazione:
5 Giorni	**Italiano**	**Cisco Certified Network Professional Security**

Descrizione del corso

The Implementing and Operating Cisco Security Core Technologies (SCOR) v1.0 course 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 helps you prepare to take the 350-701 SCOR exam, the core exam to achieve the Cisco Certified Network Professional Security certification. The 350-701 SCOR exam will be available on February 24, 2020.

Programma

- Describing Information Security Concepts*
- Describing Common TCP/IP Attacks*
- Describing Common Network Application Attacks*
- Describing Common Endpoint Attacks*
- Describing Network Security Technologies
- Deploying Cisco ASA Firewall
- Deploying Cisco Firepower Next-Generation Firewall

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• Deploying Email Content Security
• Deploying Web Content Security
• Deploying Cisco Umbrella*
• Explaining VPN Technologies and Cryptography
• Introducing Cisco Secure Site-to-Site VPN Solutions
• Deploying Cisco IOS VTI-Based Point-to-Point
• Deploying Point-to-Point IPsec VPNs on the Cisco ASA and Cisco Firepower NGFW
• Introducing Cisco Secure Remote Access VPN Solutions
• Deploying Remote Access SSL VPNs on the Cisco ASA and Cisco Firepower NGFW
• Explaining Cisco Secure Network Access Solutions
• Describing 802.1X Authentication
• Configuring 802.1X Authentication
• Describing Endpoint Security Technologies*
• Deploying Cisco AMP for Endpoints*
• Introducing Network Infrastructure Protection*
• Deploying Control Plane Security Controls*
• Deploying Layer 2 Data Plane Security Controls*
• Deploying Layer 3 Data Plane Security Controls*

* This section is self-study material that can be done at your own pace if you are taking the instructor-led version of this course.

Lab outline

• Configure Network Settings and NAT on Cisco ASA
• Configure Cisco ASA Access Control Policies
• Configure Cisco Firepower NGFW NAT
• Configure Cisco Firepower NGFW Access Control Policy
• Configure Cisco Firepower NGFW Discovery and IPS Policy
• Configure Cisco NGFW Malware and File Policy
• Configure Listener, Host Access Table (HAT), and Recipient Access Table (RAT) on Cisco Email Security Appliance (ESA)
• Configure Mail Policies
• Configure Proxy Services, Authentication, and HTTPS Decryption
• Enforce Acceptable Use Control and Malware Protection
• Examine the Umbrella Dashboard
• Examine Cisco Umbrella Investigate
• Explore DNS Ransomware Protection by Cisco Umbrella

- Configure Static VTI Point-to-Point IPsec IKEv2 Tunnel
- Configure Point-to-Point VPN between the Cisco ASA and Cisco Firepower NGFW
- Configure Remote Access VPN on the Cisco Firepower NGFW
- Explore Cisco AMP for Endpoints
- Perform Endpoint Analysis Using AMP for Endpoints Console
- Explore File Ransomware Protection by Cisco AMP for Endpoints Console
- Explore Cisco Stealthwatch Enterprise v6.9.3
- Explore Cognitive Threat Analytics (CTA) in Stealthwatch Enterprise v7.0
- Explore the Cisco Cloudlock Dashboard and User Security
- Explore Cisco Cloudlock Application and Data Security
- Explore Cisco Stealthwatch Cloud
- Explore Stealthwatch Cloud Alert Settings, Watchlists, and Sensors