

# SCOR (350-701) VIDEO TRAINING SERIES

## 0.0.0 COURSE INTRODUCTION

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### *1.0.0 FUNDAMENTAL SECURITY CONCEPTS*

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- 1.1.0 Lesson 1: Common Threats
  - 1.1.1 On-Premises Threats
  - 1.1.2 Cloud-Based Threats
  - 1.1.3 Lesson 1 Quiz
- 1.2.0 Lesson 2: Common Vulnerabilities
  - 1.2.1 Software
  - 1.2.2 SQL Injection
  - 1.2.3 Buffer Overflow
  - 1.2.4 Cross-site Request Forgery
  - 1.2.5 Lesson 2 Quiz
- 1.3.0 Lesson 3: Cryptography Components
  - 1.3.1 Hashing
  - 1.3.2 Encryption
  - 1.3.3 Public Key Infrastructure (PKI)
  - 1.3.4 IPsec
  - 1.3.5 NAT-T for IPsec
  - 1.3.6 Pre-shared Key Authentication
  - 1.3.7 Lesson 3 Quiz
- 1.4.0 Lesson 4: Virtual Private Networks
  - 1.4.1 Site-to-Site VPN
  - 1.4.2 Remote Access VPN
  - 1.4.3 sVTI-based VPN
  - 1.4.4 DMVPN
  - 1.4.5 FlexVPN
  - 1.4.6 Lesson 4 Quiz
- 1.5.0 Lesson 5: SDN Architecture
  - 1.5.1 Cisco DNA Center Overview
  - 1.5.2 Cisco DNA and vManage APIs
  - 1.5.3 Python Scripts
  - 1.5.4 Lesson 5 Quiz
- 1.6.0 Module 1 Summary

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### *2.0.0 Network Security*

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- 2.1.0 Lesson 1: Network Security Solutions
  - 2.1.1 IPS and Firewall Solutions
  - 2.1.2 Deployment Models and Architectures
  - 2.1.3 Device Hardening
  - 2.1.4 Device Management Security
  - 2.1.5 NetFlow
  - 2.1.6 SNMPv3
  - 2.1.7 Role-Based CLI Access
  - 2.1.8 NTP with Authentication
  - 2.1.9 Lesson 1 Quiz
- 2.2.0 Lesson 2: Layer 2 Security
  - 2.2.1 VLANs
  - 2.2.2 VRF-lite
  - 2.2.3 Port Security
  - 2.2.4 DHCP Snooping
  - 2.2.5 Dynamic ARP Inspection
  - 2.2.6 Storm Control
  - 2.2.7 PVLANS
  - 2.2.8 Lesson 2 Quiz
- 2.3.0 Lesson 3: AAA Security
  - 2.3.1 TACACS+ and RADIUS
  - 2.3.2 Downloadable ACL (dACL)
  - 2.3.3 Lesson 3 Quiz
- 2.4.0 Module 2 Summary

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### *3.0.0 Cloud Security*

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- 3.1.0 Lesson 1: Cloud Environments
  - 3.1.1 Public, Private, Hybrid, and Community Clouds
  - 3.1.2 Cloud Service Models: SaaS, PaaS, and IaaS
  - 3.1.3 Customer vs. Provider Responsibility
  - 3.1.4 Lesson 1 Quiz
- 3.2.0 Lesson 2: Security Considerations
  - 3.2.1 Patch Management
  - 3.2.2 Security Assessments
  - 3.2.3 Cloud-Delivered Security Solutions
  - 3.2.4 DevSecOps
  - 3.2.5 Application and Data Security
  - 3.2.6 Policy Management
  - 3.2.7 Cloud Logging and Monitoring
  - 3.2.8 Cloud Application and Workload Security
  - 3.2.9 Lesson 2 Quiz

### 3.3.0 Module 3 Summary

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#### *4.0.0 Content Security*

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##### 4.1.0 Lesson 1: Web Security

- 4.1.1 Secure Internet Gateway
- 4.1.2 Blacklisting and Whitelisting
- 4.1.3 URL Filtering and Categorization
- 4.1.4 Malware Scanning
- 4.1.5 Web Application Filtering
- 4.1.6 TLS Decryption
- 4.1.7 Traffic Redirection and Capture
- 4.1.8 User Authentication
- 4.1.9 Lesson 1 Quiz

##### 4.2.0 Lesson 2: Email Security

- 4.2.1 SPAM Filtering
- 4.2.2 Data Loss Prevention (DLP)
- 4.2.3 Email Encryption
- 4.2.4 Email Blacklisting
- 4.2.5 Antimalware Filtering
- 4.2.6 Lesson 2 Quiz

##### 4.3.0 Lesson 3: Cisco Umbrella

- 4.3.1 Cisco Umbrella Overview
- 4.3.2 Cisco Umbrella Identities
- 4.3.3 Cisco Umbrella URL Content Settings
- 4.3.4 Cisco Umbrella Destination Lists
- 4.3.5 Cisco Umbrella Reporting
- 4.3.6 Lesson 3 Quiz

##### 4.4.0 Module 4 Summary

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#### *5.0.0 Endpoint Protection*

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##### 5.1.0 Lesson 1: Endpoint Security Fundamentals

- 5.1.1 Antimalware
- 5.1.2 Retrospective Security
- 5.1.3 Indication of Compromise (IOC)
- 5.1.4 Antivirus
- 5.1.5 Dynamic File Analysis
- 5.1.6 Lesson 1 Quiz

##### 5.2.0 Management Considerations

- 5.2.1 Endpoint Device Management
  - 5.2.2 Asset Inventory
  - 5.2.3 Mobile Device Management (MDM)
  - 5.2.4 Lesson 2 Quiz
  - 5.3.0 Protection Strategies
    - 5.3.1 Multifactor Authentication (MFA)
    - 5.3.2 Endpoint Posture Assessment
    - 5.3.3 Endpoint Patching
    - 5.3.4 Lesson 3 Quiz
  - 5.4.0 Module 5 Summary
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## *6.0.0 Secure Access*

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- 6.1.0 Lesson 1: Network Identity Management
  - 6.1.1 Guest Services
  - 6.1.2 Profiling
  - 6.1.3 BYOD Policies
  - 6.1.4 Lesson 1 Quiz
- 6.2.0 Lesson 2: Configuring Secure Access
  - 6.2.1 802.1X
  - 6.2.2 MAB
  - 6.2.3 WebAuth
  - 6.2.4 Lesson 2 Quiz
- 6.3.0 Lesson 3: Exfiltration Techniques
  - 6.3.1 DNS Tunneling
  - 6.3.2 HTTPS
  - 6.3.3 Email
  - 6.3.4 File Transfer Protocols
  - 6.3.5 ICMP
  - 6.3.6 NTP
  - 6.3.7 Lesson 3 Quiz
- 6.4.0 Cisco Security Products
  - 6.4.1 Cisco Stealthwatch
  - 6.4.2 Cisco Stealthwatch Cloud
  - 6.4.3 Cisco pxGrid
  - 6.4.4 Cisco CTA and ETA
  - 6.4.5 Cisco AnyConnect Network Visibility Module (NVM)
  - 6.4.6 Lesson 4 Quiz
- 6.5.0 Module 6 Summary