

## Why CCNP Security Professional Certifications ?

Stand against cyberthreats with CCNP Security

Showcase your knowledge of enterprise infrastructure, virtualization, assurance, security, and automation on the SCOR exam and then demonstrate your specialist skills in a concentration exam of your choice. Pass both exams to earn your certification.

### Audience Profile :

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

### Prerequisites:

- Familiarity with firewall, VPN, and Intrusion Prevention System (IPS) concepts.
- Knowledge of TCP/IP and basic routing protocols.



## Course Overview:

- Cyberthreats are ever-evolving, which means our response must evolve too.
- Stand against cyberthreats with CCNP Security
- Showcase your knowledge of enterprise infrastructure, virtualization, assurance, security, and automation on the SCOR exam and then demonstrate your specialist skills in a concentration exam of your choice. Pass both exams to earn your certification.
- When you earn your CCNP Security certification, you prove that you can step into the cybersecurity environment and protect the networks and data that clients rely on.
- Achieving CCNP Security certification proves your skills with security solutions. To earn CCNP Security certification, you pass two exams: one that covers core security technologies and one concentration exam of your choice, so you can customize your certification to your technical area of focus.

## In this Learning path

1. Cisco CCNP Security Core Technologies SCOR
2. Cisco Firepower Next Generation Firewall SSNGFW
3. Cisco Firepower Next-Generation IPS SSFIPS
4. CCNP Security – Cisco Identity Services Engine SISE
5. CCNP Security – Cisco Email Security Appliance SESA
6. CCNP Security – Cisco Web Security Appliance SWSA

## Cisco CCNP Security Core Technologies SCOR Outline:

- 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
- 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 IPsec VPNs
- 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 Advanced Malware Protection (AMP) for Endpoints
- Introducing Network Infrastructure Protection
- Deploying Control Plane Security Controls
- Deploying Management Plane Security Controls

## Cisco Firepower Next Generation Firewall SNGFW Outline:

- Cisco Firepower Threat Defense Overview
- Cisco Firepower NGFW Device Configuration
- Cisco Firepower NGFW Traffic Control
- Cisco Firepower NGFW Address Translation
- Cisco Firepower Discovery
- Implementing Access Control Policies
- Security Intelligence
- File Control and Advanced Malware Protection
- Next-Generation Intrusion Prevention Systems
- Site-to-Site VPN
- Remote-Access VPN
- SSL Decryption
- Detailed Analysis Techniques
- System Administration
- Cisco Firepower Troubleshooting

## Training Solutions:

√ Offline Classroom Instructor-Led Training in our labs or onsite Locations.

√ Virtual Instructor-Led Training Via Virtual Video Conferencing Tools.

## Why Learners Prefer CLS as their Training Services provider ?

- Premium Training Services Accredited from Global Technology Vendors.
- Best Rated Experts & Certified Trainers in Egypt.
- Official Training Hours, Practice Labs, Hands-on Learning.
- CLS Training Classrooms are designed with High Edge PCs and Training Facilities.
- Return on Training Investment is Guaranteed to boost performance.



### Cisco Firepower Next-Generation IPS SSFIPS Outline:

- Cisco Firepower Threat Defense Overview
- Cisco Firepower NGFW Device Configuration
- Cisco Firepower NGFW Traffic Control
- Cisco Firepower Discovery
- Implementing Access Control Policies
- Security Intelligence
- File Control and Advanced Malware Protection
- Next-Generation Intrusion Prevention Systems
- Network Analysis Policies
- Detailed Analysis Techniques
- Cisco Firepower Platform Integration
- Alerting and Correlation Policies
- System Administration
- Cisco Firepower Troubleshooting

### CCNP Security – Cisco Identity Services Engine SISE Outline:

- Introducing Cisco ISE Architecture and Deployment
- Cisco ISE Policy Enforcement
- Web Authentication and Guest Services
- Cisco ISE Profiler
- Cisco ISE BYOD
- Cisco ISE Endpoint Compliance Services
- Working with Network Access Devices

### CCNP Security – Cisco Email Security Appliance SESA Outline:

- Describing the Cisco Email Security Appliance
- Administering the Cisco Email Security Appliance
- Controlling Sender and Recipient Domains
- Controlling Spam with Talos SenderBase and Anti-Spam
- Using Anti-Virus and Outbreak Filters
- Using Mail Policies
- Using Content Filters
- Using Message Filters to Enforce Email Policies
- Preventing Data Loss
- Using LDAP
- SMTP Session Authentication
- Email Authentication
- Email Encryption
- Using System Quarantines and Delivery Methods

### CCNP Security – Cisco Web Security Appliance SWSA Outline:

- Describing Cisco WSA
- Deploying Proxy Services
- Utilizing Authentication
- Creating Decryption Policies to Control HTTPS Traffic
- Understanding Differentiated Traffic Access Policies and Identification Profiles
- Defending Against Malware
- Enforcing Acceptable Use Control Settings
- Data Security and Data Loss Prevention
- Performing Administration and Troubleshooting

