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**Learning Style: Virtual Classroom**

**Technology: Cisco**

**Difficulty: Intermediate**

**Course Duration: 14 Days**

## **Cisco Certified Network Professional (CCNP) Security Certification Boot Camp (CS-CCNP-Sec)**



## About the course:

Cisco understands that the job of the network security engineer is assigned with an expanded spotlight on the responsibilities of configuration as the device specialist and technical consultant on a security group; in this manner, this 14-Day Boot Camp is explicit to the good procedures of the engineers of network security utilizing the most recent Cisco devices, equipment, and appliances.

The course of CCNP Security accreditation is lined up with the expert role of Network Security Engineers of Cisco who are liable for the maintenance of Security in Routers, Switches, Devices, and Network Appliances; and also deploying, selecting, supporting and troubleshooting IDS/IPS solutions, Firewalls, VPNs, for the networking situations.

## This boot camp incorporates test vouchers and sets you up for below exams:

1. 300-206 SENSS
2. 300-208 SISAS
3. 300-210 SITCS
4. 300-209 SIMOS
5. Cisco: 210-260 IINS exam

## Salary Estimate:

The normal pay for the Engineer of Cisco Certified Professional Network is \$97,000 annually.

## This boot camp contains below courses:

- Edge Network Security Solutions (CS - SENSS) 1.0 - Cisco
- Secure Access Solutions (CS - SISAS) 1.0 - Cisco
- Secure Mobility Solutions (CS - SIMOS) 1.0 - Cisco
- IOS Network Security (CS-IINS) - Cisco
- Threat Control Solutions (CS - SITCS) 1.0 - Cisco

## Course Objectives:

With the completion of this course, the student will be able to fulfill these general objectives:

1. Observe the concepts of common network security
2. Infrastructure for secure routing and switching.
3. Deploy simple authentication, accounting authorization services.
4. Firewalling services deployment
5. Deploy site-to-site VPN services and basic remote access.
6. Examine the usage of advanced security services, like identity management, content security, and intrusion-protection.

### **Targeted Audience:**

The intended Targeted Audience of this learning are students who wish to be an expert of a network in the space of network security and who have information that is included in the course of Interconnecting Cisco Networking Devices Part 1 (ICND1).

### **Prerequisites:**

The Security program of CCNP is a three-year credential program proposed to perceive the engineers of Cisco network security who have the fundamental aptitudes to deploy, test, maintain, configure, and troubleshoot Cisco IOS Software devices and Cisco network security appliances that set up the security stance of the system. Before endeavoring the certification of CCNP Security or any of its related security expert certifications, people must meet the prerequisites for the certification of Cisco CCNA® Security.

Any valid Cisco CCNA Routing and Switching, CCENT, or any certification of CCIE can work as a prerequisite.

- Examine the usage of advanced security services, like identity management, content security, and intrusion-protection.

- Observe the concepts of common network security
- Firewalling services deployment
- Deploy simple authentication, accounting authorization services.
- Infrastructure for secure routing and switching.
- Deploy site-to-site VPN services and basic remote access.

## Course Outline:

- **Module 1: Describe common network security concepts**
- **Module 2: Secure routing and switching infrastructure**
- **Module 3: Deploy basic authentication, authorization and accounting services**
- **Module 4: Deploy basic firewalling services**
- **Module 5: Deploy basic site-to-site and remote access VPN services**
- **Module 6: Describe the use of more advanced security services such as intrusion protection, content security and identity management**
- **Module 7: Cisco Secure Design Principles**
- **Module 8: Deploying Cisco Network Infrastructure Protection Solutions**
- **Module 9: Deploying NAT on Cisco IOS and Cisco Adaptive Security Appliance (ASA) Firewalls**
- **Module 10: Deploying Threat Controls on Cisco ASA Firewalls**
- **Module 11: Deploying Threat Controls on Cisco IOS Software**

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