Cisco Security Certification Program

How You Benefit

- **Earn** global recognition for your expertise, skills, and accomplishments, from a leader in the security industry

- **Expand** and solidify your hands-on skills in supporting a full suite of security technologies

- **Advance** your career, to play a key role in deployment of new technologies, and the evolution of your organization's information technology

- **Gain** confidence in architecting, deploying, and troubleshooting security technologies to tackle new threats, risks, and requirements.

Demand for Trained and Experienced Security Professionals

The increasingly critical role of network security professionals continues to evolve in response to the ever-changing security environment. They must be able to deploy an evolving array of security technologies, adapt to new organizational requirements, and respond to new categories of risks and threats against an organization's information systems.

Successful implementations of evolving IT technologies such as cloud, Internet of Things (IoT), and network programmability (software-defined networking, or SDN) rely on secure infrastructure—architected, engineered, and operated by highly skilled and trusted network security professionals who are not only familiar with industry best practices but also have hands-on experience in implementing and operating complex security technology. Cisco certified network security engineers play a crucial role in their organizations. They have the critical job-ready security skills that enable them to design, implement, and troubleshoot secure infrastructures to protect their organization's critical information assets. The program includes the following:

- **Skills Building:** Recommended tools to help you learn best practices and gain hands-on experience. From entry level to expert, we offer instructor-led and self-paced training options with a hands-on focus for every learning style and budget.

- **Skills Validation:** Assessment of Cisco security knowledge and new skills, proving to hiring managers that you are an IT professional ready to design and deploy a secure digital-ready network.

- **Skills Reinforcement:** Continually honing skills throughout your career as a network security engineer.

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Gain Job-Ready Practical Skills

The Cisco CCNA® Security, CCNP® Security, and CCIE® Security certification programs are practical, relevant, and job-ready certification curricula aligned closely with the specific tasks expected of these in-demand professionals. Cisco realizes that network security professionals increasingly must focus on design, configuration, and support responsibilities as the technical consultants and device specialists or experts on a security team. Therefore, the Cisco Security curriculum is specific to the best practices of network security administrators, engineers, and experts using the latest Cisco equipment, devices, and appliances.
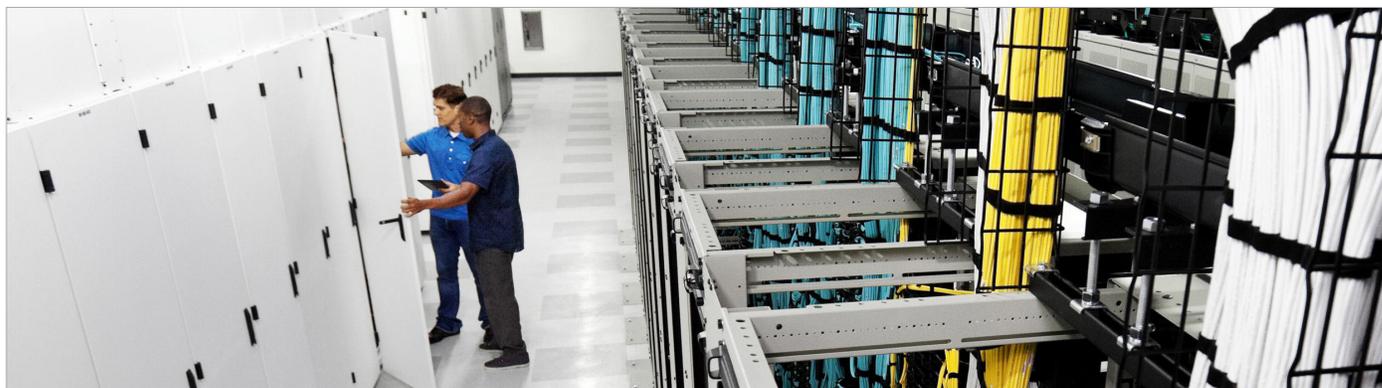
Curriculum Overview

SECURITY: CCNA ⌄   CCNP ⟩   CCIE ⟩

Cisco Certified Network Associate Security (CCNA Security)

The CCNA Security certification lays the foundation for beginning a career in building, supporting, and troubleshooting secure infrastructures, in jobs such as network security specialist, security administrator, and network security support engineer. It is the first step for individuals wishing to obtain their CCNP Security certification.

The CCNA Security certification program is widely recognized, ISO and ANSI certified, U.S. Department of Defense 8570/ IAT listed, and recognized by National Systems Security (INFOSEC), and it meets the U.S. Committee on National Systems CNSS 4011 training standard.

Pre-requisite(s)	A valid CCENT®, valid CCNA Routing and Switching, or any valid CCIE certification can act as a prerequisite.
Topic Focus	· Secure Network Infrastructure · Core Security Concepts · VPN Encryption, Firewalls, and Intrusion Prevention · Web and Email Content Security and Endpoint Security
Job Role(s)	· Network Security Specialist · Network Security Technician · Security Administrator · Network Security Support Engineer
Experience Level (Years)	1 to 3
Required Exam(s)	210-260 IINS
Recommended Training	Implementing Cisco Network Security (IINS)

www.cisco.com/go/ccnasecurity

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SECURITY: CCNA › **CCNP** ⌄ CCIE ›

Cisco Certified Network Professional Security (CCNP Security)

The CCNP Security certification is aligned with the network security engineer job role. Network security engineers are capable of building, configuring, troubleshooting, and operating a full suite of security technologies in a wide variety of security scenarios. CCNP Security holders not only understand architectures and security requirements but can also solve complex security problems using their hands-on experience across multiple security technologies, including perimeter security, threat control systems, mobile device security, email security, web security, and identity management.

The CCNP Security certification program is widely recognized, ISO and ANSI certified, and meets the US Committee on National Systems CNSS 4013 training standard.

Pre-requisite(s)	Valid CCNA Routing and Switching certification or any CCIE Certification can act as a prerequisite.			
Topic Focus	· Configuring and implementing security on Cisco network perimeter edge devices using technology-based practices	· Integrating Intrusion Prevention System (IPS) and context-aware firewall components · Web (Cloud) and Email Security Solutions	· Cisco Identity Services Engine (ISE) architecture, solution, and components · Fundamentals of BYOD using posture and profiling services of ISE	· Implementing highly secure remote communications through VPN technology
Job Role(s)	Network Security Engineer			
Experience Level (Years)	3 to 6			
Required Exam(s)	300-206 SENSS	300-207 SITCS	300-208 SISAS	300-209 SIMOS
Recommended Training	Implementing Cisco Edge Network Security Solutions (SENSS)	Implementing Cisco Threat Control Solutions (SITCS)	Implementing Cisco Secure Access Solutions (SISAS)	Implementing Cisco Secure Mobility Solutions (SIMOS)

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