



HUAWEI TRAINING

HCIA-Security

Master Huawei's HCIA-Security fundamentals. Learn to protect networks and data from cyber threats effectively.

DURATION

40 hours

LEVEL

Beginner

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The Huawei Certified ICT Associate - Security (HCIA-Security) certification is your foundational gateway into the critical and rapidly evolving field of cybersecurity, specifically tailored around Huawei's industry-leading security solutions. This comprehensive 40-hour beginner-level course equips you with a robust understanding of fundamental network security concepts, common attack types, and the defensive measures employed to protect modern ICT infrastructure. You'll delve into the architecture and operational principles of key security devices, including Huawei firewalls, intrusion prevention systems, and virtual private networks (VPNs).

This course goes beyond theoretical knowledge, providing a practical perspective on how to configure and manage security policies on Huawei equipment. You will learn about access control, threat detection, data encryption, and user authentication mechanisms, gaining the essential skills needed to safeguard networks against a myriad of cyber threats. The HCIA-Security certification is highly valued in the industry, demonstrating your competence in basic network security and Huawei's security technologies, making you a valuable asset to any organization looking to bolster its digital defenses.

Upon successful completion, you will be prepared to contribute to the security operations of enterprises, understanding how to implement basic security policies and troubleshoot common security issues. It serves as an excellent stepping stone for further specialization in advanced Huawei security domains or broader cybersecurity career paths, positioning you for growth in a high-demand sector.

Duration	40 hours
Level	Beginner
Vendor	Huawei

PREREQUISITES

- HCIA-Datcom level networking knowledge

COURSE CURRICULUM

01 Module 1: Introduction to Network Security

- Basic Concepts of Network Security
- Common Threats and Attacks
- Network Security Architecture
- Cryptography Fundamentals
- Security Policies and Standards

02 Module 2: Common Network Attack and Defense Technologies

- DDoS Attacks and Mitigation
- ARP Spoofing and Prevention
- Viruses, Worms, and Trojans
- Intrusion Detection/Prevention Systems (IDS/IPS) Principles
- Access Control Mechanisms

03 Module 3: Huawei Firewall Technologies

- Firewall Fundamentals and Working Principles
- Zone-Based Firewalls

- Security Policies Configuration
- NAT (Network Address Translation) on Firewalls
- Stateful Packet Inspection
- Basic Troubleshooting for Firewalls

04 Module 4: VPN Technologies

- Introduction to VPNs
- IPSec VPN Fundamentals and Configuration
- SSL VPN Concepts and Application
- GRE over IPSec

05 Module 5: Security Management and Operation

- Security Information and Event Management (SIEM) Overview
- Security Auditing and Logging
- User Authentication Technologies (AAA)
- Basic Security Policy Implementation and Maintenance
- Compliance and Regulations Overview

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior Network Security Administrator**
- > **Entry-Level Security Operations Center (SOC) Analyst**
- > **IT Support Specialist (with a security focus)**

FREQUENTLY ASKED QUESTIONS

Q: What specific Huawei security products will I gain hands-on experience or theoretical knowledge about during the HCIA-Security course?

This HCIA-Security course primarily focuses on Huawei's enterprise firewalls (e.g., USG series) and VPN gateways. You will gain foundational knowledge and practical skills in configuring security policies, NAT, and various VPN types like IPSec and SSL VPN, using Huawei's command-line interface (CLI) and graphical user interface (GUI) where applicable, to ensure you can effectively operate and manage these critical security components.

Q: Is the HCIA-Security certification a sufficient qualification for immediate employment as a standalone Security Engineer?

The HCIA-Security certification provides an excellent entry point and foundational understanding of network security, specifically within the context of Huawei's technologies. While it equips you with essential skills for roles like Junior Network Security Administrator or entry-level SOC Analyst, a standalone Security Engineer position typically requires more extensive experience and potentially higher-level certifications (like HCIP-Security or specialized vendor certifications) along with practical hands-on work. It's a crucial first step, but continuous learning and experience are key for advanced roles.

Q: What are the recommended next steps after completing the HCIA-Security course for individuals looking to specialize further in cybersecurity?

After achieving your HCIA-Security certification, the most logical progression within the Huawei certification track would be to pursue the Huawei Certified ICT Professional - Security (HCIP-Security) certification. This advanced certification delves deeper into security technologies, covering more complex deployments, advanced threat prevention, and security solutions. Alternatively, you could explore other vendor-neutral certifications like CompTIA Security+ for a broader industry perspective, or specialized certifications in areas like penetration testing, cloud security, or incident response, depending on your career aspirations.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

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READY TO ENROL?

Take the next step in your technology career.

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