

HCIA-Security



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Online Course

Course Modules

1. Network Security Concepts and Specifications

- Network Security Definition
- Future Network Security Trends
- Information Security Standards and Specifications

2. Network Basics

- Network Reference Model
- Common Network Devices

3. Common Network Security Threats and Threat Prevention

- Overview of Enterprise Network Security Threats
- Communication Network Security Requirements and Solutions
- Zone Border Security Threats and Threat Prevention
- Computing Environment Security Threats and Threat Prevention
- Security Requirements & Solutions of the Management Center

4. Firewall Security Policies

- Firewall Basic Principles
- Application Scenarios of Firewalls in Cyber Security Solutions

5.Firewall NAT Technologies

- Overview of NAT
- Source NAT
- Destination NAT
- Bidirectional NAT
- NAT ALG and NAT Server

6.Firewall Hot Standby Technologies

- Hot Standby Fundamentals
- Hot Standby Basic Networking and Configuration
- Firewall User Management Technologies
- AAA Principles
- Firewall User Authentication and Application

7.Firewall IPS

- Intrusion Overview
- Intrusion Prevention
- Antivirus



8.Fundamentals of Encryption and Decryption Technologies

- Encryption/Decryption Technology Development
- Encryption/Decryption Technology Fundamentals
- Common Encryption/Decryption Algorithms
- Hash Algorithms

9.PKI Certificate System

- Data Communication Security Technologies
- PKI System Structure
- PKI Working Mechanism

10. Encryption Technology Applications

- Application of Cryptography
- VPN Overview
- VPN Configuration



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in terms of time management,
flexibility, and the ability
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