

HCIP-Security



Online Course

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Course Modules

1. Overview of Cyber Security Certification

- Capability Models for Cyber Security Engineers
- Cyber Security Certification

2. Firewall High Reliability Technologies

- Overview of Firewall High Reliability Technologies
- Firewall Hot Standby
- Firewall Link High Reliability
- Hot Standby Version Upgrade and Troubleshooting

3. Firewall Traffic Management

- Firewall Bandwidth Management
- Firewall Quota Control Policies
- Example for Configuring Traffic Management

4. Firewall Virtual System

- Virtual System Overview
- Basic Concepts of Virtual Systems
- Communication Between Virtual Systems
- Virtual System Configuration



5. Firewall Intelligent Uplink Selection

- Overview of Intelligent Uplink Selection
- Principles of Intelligent Uplink Selection
- Configuration of Intelligent Uplink Selection

6. IPsec VPN Technology and Application

- Basic Principles of IPsec VPN
- Application Scenarios of IPsec VPN
- High Reliability of IPsec VPN
- Troubleshooting of IPsec VPN

7. SSL VPN Technology and Application

- Overview of SSL VPN
- Service Functions of SSL VPN
- Examples for Configuring the SSL VPN
- SSL VPN Troubleshooting

8. Cyber Attacks and Defense

- Firewall Attack Defense Technologies
- Single-Packet Attack Defense
- DDoS Mitigation
- Anti-DDoS



9. Vulnerability Defense and Penetration Testing

- Vulnerability
- Vulnerability Defense
- Penetration Testing

10. Content Security Filtering Technologies

- Overview of Content Security Filtering Technologies
- Principles of Content Security Filtering Technologies
- Examples for Configuring Content Security Filtering Technologies

11. Emergency Response

- Emergency Response Overview
- Emergency Response Process
- Emergency Response Technologies and Cases

12. Network Access Control

- Overview of NAC
- User Identity Authentication
- Access Authentication
- NAC Configuration



13. Comprehensive Cases of Enterprise Network Security

- Overview of Enterprise Network Security Requirements
- Enterprise Network Security Solution Design and Deployment
- Enterprise Network Security Troubleshooting



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The efficiency of online learning in terms of time management, flexibility, and the ability to access resources anytime, anywhere can be compelling.



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