

HW-CISN



HCIP SECURITY CISN

DURATION	LEVEL	TECHNOLOGY	DELIVERY METHOD	TRAINING CREDITS
5 Days	Professional	Security	Instructor Led	NA

INTRODUCTION

With the HCIP-Security-CISN V3.0 exam, you demonstrate an intense understanding of network security device management, intelligent routing, high availability and better management of bandwidth. Furthermore, the ability to plan and design, operate and maintain VPN tunnels and virtual firewalls etc. The HCIP-Security-CISN is one of the three required exams to grant you a step closer to acquire the complete the HCIP Security certificate.

AUDIENCE PROFILE

- Those who hope to become a network security professional
- Those who hope to obtain HCIP-Security certificate

PREREQUISITES

Before attending this course, delegates must have:

- HCIA Security certification or the similar knowledge
- Strong knowledge of Routing and Switching

COURSE OBJECTIVES

On completion of this program, the participants will be able to:

- Describe the functionality of network security devices
- Describe the scenario of firewall advanced features and management.
- Configure the firewall advanced features like SMART/intelligent routing
- Deploy and maintain virtual firewalls.
- Describe the scenario and principle of application security technologies
- Advance understanding and deployment of VPN tunnels
- Load balancing and redundancies
- High availability and better bandwidth management.
- Configure the application security technologies
- Troubleshoot the firewall advanced features and application security technologies.

COURSE CONTENT

Lesson1: Network Security Device Management

- Network Security Device Management
- Network Security Device Log Analysis
- Network Security Device Unified Operation and Maintenance

Lesson 2: Firewall Intelligent Routing

- Principles of Intelligent Routing
- Intelligent Routing Application Analysis

- Intelligent Routing Troubleshooting

Lesson 3: Server Load Balancing

- Principles of SLB Technology
- SLB Deployment

Lesson 4: Firewall High Availability

- IP-Link Technology
- BFD Technology
- Hot Standby
- Link-group Technology
- Eth-Trunk Technology
- Application of Cryptographic Technologies

Lesson 5: VPN Technology and Application

- IPSec VPN Technology and Application
- SSL VPN Technology and Application

Lesson 6: Firewall Bandwidth Management

- Principle of Firewall Bandwidth Management
- Firewall Bandwidth Management Deployment
- Firewall bandwidth management Troubleshooting

Lesson 7: Firewall Virtual System

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| – Principle of Firewall virtual system | – Firewall Virtual System Deployment | – Firewall Virtual System Troubleshooting |
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ASSOCIATED CERTIFICATIONS & EXAM

This course will prepare delegates to take the HCIP-Security-CISN exam # H12-721, which covers network security device management, firewall intelligent routing, firewall high availability, VPN technology and application, firewall bandwidth management and virtual firewall technology.

Candidates wishing to write the HCIP-Security-CISN V3.0 exam, must create a profile online on the Huawei website and Pearson Vue. If you don't wish to self-book the exam online, a profile details must be presented at our exam centres together with the booking form. Registration is free of charge and is completed on the Huawei website.