



HCIP-Routing & Switching-IEEP V2.5 Exam Outline

Exam Overview

Certification	Exam Code	Exam Name	Language	Duration	Pass Score/Total Score
HCIP-Routing & Switching	H12-223	HCIP-Routing & Switching-IEEP V2.5	Chinese Simplified/ English/Spanish- Modern/French	90 min	600/1000

Exam Outline

The HCIP-Routing & Switching-IEEP V2.5 exam covers PDIOI (Network Planning, Network Design, Network Implementation, Network Maintenance, Network Troubleshooting, Network Optimization) and Network Migration.

Key Points	Percentage
1. Network Planning	6%
2. Network Design	29%
3. Network Implementation	11%
4. Network Maintenance	10%
5. Network Troubleshooting	27%
6. Network Optimization	7%
7. Network Migration	10%

1. Network Planning

- 1.1 Project background
- 1.2 Project objectives
- 1.3 Project technological roadmap

2. Network Design

- 2.1 Physical network design (typical topology, device selection, media selection, network ID)
- 2.2 Logical network design (LAN design, WAN design, route architecture design, network egress design, high availability design)

2.3 Other network technologies (network security, VPN, WLAN, DC, network management)

3. Network Implementation

3.1 Project delivery process

3.2 Risky operation implementation process

3.3 Engineer service standards

4. Network Maintenance

4.1 Use method of network management software

4.2 Device software upgrade

4.3 Routine maintenance report

5. Network Troubleshooting

5.1 Structured network troubleshooting process

5.2 Core theories and common methods of network troubleshooting

5.3 Troubleshooting common network faults

6. Network Optimization

6.1 The way to improve network security

6.2 Network optimization solution

7. Network Migration

7.1 Migration operation procedure

7.2 Common migration scenarios

Note:

The content mentioned in this article is just a general exam guide; the exam may also contain more related content that is not mentioned here.

Reference

Huawei Certified ICT Professional Training Courses — HCIP-R&S: Implementing Enterprise Network Engineering Project (IE-EP)

Huawei Certified ICT Professional Training Courses — HCIP-R&S: Guide to Experiments on Implementing Enterprise Network Engineering Project (IE-EP)

VRP Configuration Guide



VRP Troubleshooting

VRP Feature Description

Recommended Training

HCIP-Routing & Switching-IEEP V2.5 Training