HCIP-WLAN V2.0 Exam Outline

Huawei Certification HCIP-WLAN Certification Exam

Certification	Exam Code	Exam Name	Exam Format	Language	Exam Cost	Exam Duration	Pass Score/ Total Score
HCIP-WLAN	H12-323	HCIP-WLAN V2.0	True-false Question, Single Answer, Multiple Answer, Fill in the bank answers, Drag and drop item	ENU/CHS	300USD	90min	600/1000

Exam Content

The HCIP-WLAN V2.0 exam content covers WLAN networking architecture, WLAN reliability technology, WLAN cloud management solution, user access and authentication technology, roaming technology, radio resource management, WLAN network planning basics, WLAN network planning tools, WLAN network planning process, network planning solutions in different scenarios, WLAN network optimization, WLAN network O&M, and WLAN network troubleshooting.

Knowledge Module Percentage

Key Module	Exam Percentage
WLAN Networking Technologies	16%
User Access and Authentication	8%
WLAN Roaming	8%
WLAN Radio Resource Management	8%
WLAN Planning Basics	8%
WLAN Planning Tools	6%
WLAN Planning Process	6%
WLAN Planning Scenarios	10%
WLAN Network Optimization Overview and Tools	7%
WLAN Optimization Solution	9%
WLAN O&M	8%
WLAN Troubleshooting	6%

Knowledge points

1. WLAN Networking Technologies

1.1 WLAN Networking Technologies

1.1.1 FAT AP

1.1.2 Leader AP

1.1.3 WAC+FIT AP

1.1.4 Agile Distributed

1.1.5 Navi AC

1.1.6 Mesh

1.2 WLAN Reliability Technology

1.2.1 VRRP HSB

1.2.2 Dual-Link HSB

1.2.3 Dual-Link Cold Backup

1.2.4 N+1 Backup

1.3 WLAN Cloud Management Solution

1.3.1 Introduction to iMaster NCE-Campus

1.3.2 Cloud-based WAC Management

1.3.3 Cloud-based AP Management

2. User Access and Authentication

2.2 User Access Security

2.3 STA Blacklist and Whitelist

2.4 Security Policy

2.5 Access Control

3. WLAN Roaming

3.1 WLAN Roaming Overview

3.2 Process of Traffic Forwarding During Roaming

3.3 Roaming Optimization Technologies

3.4 Smart Roaming

4. WLAN Radio Resource Management

4.1 Air Interface Performance

4.2 Radio Calibration

4.3 STA Steering

4.4 Band Steering

4.5 AP-based Load Balancing

4.6 User CAC

5. WLAN Planning Basics

5.1 WLAN Planning Overview

5.2 WLAN Coverage Design

5.3 WLAN Capacity Design

6. WLAN Planning Tools

6.1 WLAN Planner

6.2 CloudCampus APP

7. WLAN Planning Process

7.1 WLAN Planning Overview

7.2 WLAN Planning Process

7.3 WLAN Planning Case

8. WLAN Planning Scenarios

8.1 WLAN Planning for Enterprise Office Scenarios

8.2 WLAN Planning for Education Scenarios

8.3 WLAN Planning for Hotel Scenarios

8.4 WLAN Planning for Healthcare Scenarios

8.5 WLAN Planning for Retail Scenarios

8.6 WLAN Planning for Shop Floor and Warehouse Scenarios

8.7 WLAN Planning for Outdoor Coverage Scenarios

8.8 WLAN Planning for Outdoor Backhaul Scenarios

8.9 WLAN Planning for High-Density Scenarios

9. WLAN Network Optimization

9.1 Overview of WLAN Optimization

9.2 WLAN Optimization Tools

9.3 WLAN Optimization Solutions

9.4 WLAN Optimization Cases

10. WLAN O&M

10.1 Overview of Network O&M

10.2 Traditional WLAN O&M

10.3 CampusInsight Intelligent O&M

11. WLAN Troubleshooting

11.1 Overview of WLAN Troubleshooting

11.2 Reliability Faults

11.3 Cloud Management Faults

11.4 Wireless Bridge Faults

11.5 Radio Resource Management Faults

11.6 Roaming Faults

NOTE

The content mentioned in this document is a general exam guide only. The exam may also contain more specific or related content that is not mentioned above.

Reference

HCIP-WLAN V2.0 Course

Recommended Training

HCIP-WLAN V2.0 Training