



HCSA-Field-Datacom Campus Network V1.0 Exam Outline

Certification Exam

Certification Name	Exam Code	Exam Name	Exam Format	Language	Fee	Duration	Pass Score/Total Score
HCSA-Field-Datacom Campus Network	H22-111	HCSA-Field-Datacom Campus Network	Single-answer Question, Multiple-answer Question, True or false	English	200 USD	60 mins	600/1000

Contents of the Exam

HCSA-Field-Datacom Campus Network exam covers the hardware, specifications, and technical specifications of mainstream campus network products, as well as the hardware and software installation methods and key protocol feature configuration methods of mainstream campus network products.

Percentage of Knowledge Points in the Exam

Module	Knowledge Content	Percentage
Mainstream products	01 Campus Network Overview	5%
	02 Campus Network Product Portfolios	15%
Product Installation	03 Campus Product Hardware Installation Guide	8%
	04 Campus WLAN Product Installation Guide	8%
	05 iMaster NCE-Campus Server Hardware Installation	7%
	06 iMaster NCE-Campus Software Installation	7%
Basic commissioning	07 Basic Network Interworking	20%
	08 Advanced Features	10%
	09 WLAN	10%
	10 IPv6	5%
	11 VPN	5%

General Knowledge Points of the Certification

1 Campus Network Overview

1.1 Typical Campus Network Scenarios

1.2 Campus Network Trends and Challenges

1.3 Huawei CloudCampus Solution

2 Campus Network Product Portfolios

2.1 Recommended Product Models in Typical Scenarios



2.2 AirEngine Wi-Fi 6 Products

2.3 CloudEngine S Series Switches

2.4 NetEngine AR Products

2.5 iMaster NCE Products

3 Campus Product Hardware Installation Guide

3.1 CloudEngine S Series Switches Installation

3.2 NetEngine AR Products Installation

4 Campus WLAN Product Installation Guide

4.1 Indoor settled AP Installation

4.2 Wall Plate AP Installation

4.3 Outdoor AP with Built-in Antennas Installation

5 iMaster NCE-Campus Server Hardware Installation

5.1 Hardware installation

5.2 Parts Replacement

6 iMaster NCE-Campus Software Installation

6.1 iMaster NCE-Campus Software Installation (Minimum Cluster System)

6.2 iMaster NCE-Campus Software Installation (Single-Node System)

7 Basic Network Interworking

7.1 VLAN

7.2 OSPF

7.3 BGP

7.4 VRRP

7.5 STP

7.6 Link Aggregation

8 Advanced Features



8.1 ACL

8.2 NAT

8.3 Telnet

8.4 AAA

8.5 DHCP

8.6 FTP

8.7 QoS

8.8 Switch Stacking

8.9 SNMP

9 WLAN

9.1 WLAN Basics

9.2 Network Admission Control

10 IPv6

10.1 IPv6

11 VPN

11.1 MPLS



NOTE

The exam content mentioned in this document only serves as general guidance for examinees. The exam may also involve other content not mentioned in this document.
