

COURSE OUTLINE



Course Name: Huawei Certified-Pre-Sales Datacom NEW V1.0

HCSP-Presales-Datacom V1.0

Course Code: HW-HCSP-DATC

DURATION	SKILL LEVEL	DELIVERY METHOD	TRAINING CREDITS	TECHNOLOGY
5 Day(s)	Pre-Sales	VILT\In Class	Huawei Learning Voucher	IP Network

Course Overview

This learning material provides a structured overview of Huawei Xinghe AI network solutions across campus networks, data center networks, WAN, and network security. The course content introduces solution architecture, design principles, management systems, intelligent O&M capabilities, PoC demonstration guidance, and practical use cases for modern AI-ready network environments. Upon completion of the program training, you will be able to: Have general knowledge of Huawei Xinghe AI campus network solution and solution design. Have general knowledge of Huawei Xinghe AI Data Center Network solution and solution design. Have general knowledge of Huawei Xinghe AI WAN solution and solution design. Have general knowledge of Huawei Xinghe AI Campus Network security solution and solution design. Have general knowledge of Huawei Xinghe AI Data Center Network security solution and solution design.

Prerequisites

Delegates should have a basic understanding of IP networking, campus network architecture, data center networking, WAN concepts, network security, and Huawei enterprise network solutions. Familiarity with SD-WAN, network automation, and O&M concepts will be beneficial. Basic knowledge of IP networking, enterprise network architecture, WAN, data center networking, and network security is recommended.

Target Audience

This course is intended for pre-sales engineers who need to master the technical knowledge and capabilities of Huawei enterprise datacom products and solutions across campus, data center, WAN, and security industries.

- Pre-sales engineers who need to master the technical knowledge of Huawei enterprise datacom products.
- Pre-sales engineers who need to understand Huawei enterprise datacom solutions across campus, data center, WAN, and security industries.
- Personnel who support customer engagement, solution positioning, and technical pre-sales activities for Huawei datacom solutions.

Course Objectives

On completion of this learning material, participants should be able to:

- Describe Huawei Xinghe AI Campus Network, Data Center Network, WAN, and network security solution positioning.
- Understand design principles for campus networks, data center networks, SD-WAN, WAN, and network security scenarios.
- Explain the role of iMaster NCE-Campus and iMaster NCE-CampusInsight in campus network management, analysis, and intelligent O&M.
- Review PoC demonstration guidance and use cases for Xinghe AI campus, data center, and WAN solutions.

Course Content

1. **Huawei Xinghe AI Campus Network Solution**
 1. Xinghe AI Campus Network Solution
 2. Xinghe AI Campus Network SD-WAN Solution
 3. iMaster NCE-Campus Campus Network Management System
 4. iMaster NCE-CampusInsight Campus Network Analyzer
2. **Huawei Xinghe AI Campus Network Design Guide**
 1. Small- and medium-sized enterprise cloud management campus network design
 2. Network architecture design, simplified deployment design, IP service design, wireless network design, admission control design, and O&M management design
 3. Wired and wireless network service design
 4. Network admission control design, intelligent O&M management design, and multi-campus network interconnection solution design
 5. SD-WAN basic network design, service design, deployment design, and O&M solution design
3. **Huawei Xinghe AI Campus Network Solution PoC Demonstration Guide**
 1. PoC demonstration guide for the Huawei Xinghe AI Campus Network Solution
4. **Huawei Xinghe AI Data Center Network Solution**
 1. Data center network development trends and challenges
 2. Operating panorama of data center network general computing scenarios
 3. Huawei Xinghe AI Data Center Network Solution
5. **Huawei Xinghe AI Data Center Network Design Guide**
 1. DCN overview
 2. DCN planning and design methods
 3. Typical DCN design cases
6. **Huawei Xinghe AI Data Center Network Solution PoC Demonstration Guide**
 1. Logical network orchestration
 2. Layer 3 communication between VMs and SNAT
 3. NSH-based SFC
 4. ZTP
 5. Microsegmentation
7. **Huawei Xinghe AI WAN Solution**
 1. HuaweiXingheAIWANSolution
8. **Huawei Xinghe AI WAN Design Guide**
 1. HuaweiXingheAIWANDesignGuide
9. **Huawei Xinghe AI WAN Solution PoC Demonstration Guide**
 1. Introduction to the intent-driven WAN demonstration environment
 2. Network digital map visualization

- 3. SRv6 policy computation
- 4. L3VPN over SRv6 policy provision
- 5. Flexible dashboard, SRv6 policy optimization, iFIT fault detection, and FlexE network slice
- 10. Huawei Network Security Solution and Design of Xinghe AI Campus
 - 1. Huawei Network Security Solution and Design of Xinghe AI Campus
- 11. Huawei Network Security Solution and Design of Xinghe AI Data Center
 - 1. DataCenterNetworkSecuritySolutionandDesign_2

CERTIFICATION AND EXAM

You need to pass the following exam(s) to obtain the certificate.

HCSP-Presales-Datacom (ENU)(New)

ExamExam Code	Certification Exam
H25-521	HCSP-Presales-Datacom (New)

Exam Code: H25-521
Exam Type: Written examination
Exam Format: Single-answer Question, Multiple-answer Question, True or false
Time: 90min
Passing Score/Total Score: 600/1000