

HW-HCIACOMP



HUAWEI CERTIFIED ICT ASSOCIATE - COMPUTING

DURATION	LEVEL	TECHNOLOGY	DELIVERY METHOD	TRAINING CREDITS
5 Days	Associate	Huawei	Instructor Led	Huawei Vouchers

INTRODUCTION

This 5-day HCIA–Computing v3.0 course is designed to equip participants with an understanding of the evolution of the computing industry and Huawei's vision and objectives for the industry, to master knowledge of computing systems and servers, and to be capable of provisioning and maintaining computing and service systems.

AUDIENCE PROFILE

The course is aimed at:

- Individuals interested in enterprise IT infrastructure.
- Individuals who want to work as IT technical engineers, IT sales managers, IT product managers, and IT post-sales engineers.
- Individuals who want to obtain the HCIA-Computing V3.0 certification.

PREREQUISITES

The knowledge and skills that a learner should have before attending this course are as follows:

- Understand basic network knowledge
- Understand the principles of computer composition
- Understand the basic knowledge of operating systems

COURSE OBJECTIVES

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

- Explain the history and future of computing
- Understand basic architecture of the computing system
- Understanding the Computing Product Classifications
- Understand the hardware components of the server and their functions.
- Have a good command of common server software and related protocols.
- Understand the development history of operating systems and common server operating systems.
- Understand what is Kunpeng, and be familiar with Kunpeng chips, entire system products, and Kunpeng ecosystem.
- Understand what is Ascend, and be familiar with the hardware architecture and products of the OceanStor 9000.
- Learn about the Ascend Computing Platform for AI, CANN, and other Ascend software products
- Server installation and deployment requirements, key steps, and configuration methods
- Computing product O&M software system
- Master the functions and usage of various computing management software.

COURSE CONTENT

Lesson 1: History of Computing

- Computing in Daily Life
- Computing Development Phases
- Computing Development Trends

Lesson 2: Computing System Overview

- Computing System Architecture
- Computing System Hardware
- Computing System Software
- Computing System Solutions

Lesson 3: Server Architecture Overview

- Server Hardware Components
- Server Software
- Server OSs

Lesson 4: Huawei Computing Industry

- Kunpeng Computing Industry
- Ascend Computing Industry

Lesson 5: Computing Product Deployment

- Common Equipment Room Layouts

- Server Installation Requirements
- Key Deployment Steps and Configuration Items
- Service Deployment

Lesson 6: Basic O&M of Computing Products

- O&M Software System of Computing Products
- Single-node Management
- Centralized Management
- Local O&M
- Remote O&M

ASSOCIATED CERTIFICATIONS & EXAM

This course will prepare delegates to write the HCIA - Computing v3.0 exam #H13-211 that will test basic knowledge about the computing field, including the computing history, computing systems, server architectures, Huawei computing industry, computing product deployment, and computing product O&M.