



HUAWEI TRAINING

HCIA-Cloud Computing

Master Huawei Cloud basics and core cloud computing concepts. Prepare for your HCIA-Cloud Computing certification.

DURATION

40 hours

LEVEL

Beginner

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

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COURSE OVERVIEW

The Huawei Certified ICT Associate (HCIA) – Cloud Computing certification is your essential entry point into the dynamic world of cloud technology, specifically focusing on Huawei's leading-edge cloud solutions. This 40-hour beginner-level course provides a comprehensive foundation in cloud computing concepts, architectural principles, and the core technologies that power modern data centers. You'll gain a deep understanding of virtualization techniques for computing, storage, and networking, and learn how these elements integrate to form robust cloud infrastructures.

Through practical insights and theoretical knowledge, this course will familiarize you with Huawei's FusionCompute virtualization platform, FusionStorage distributed storage, and FusionNetwork solutions. By the end of this program, you will be equipped with the fundamental skills required to deploy, operate, and maintain basic cloud computing environments, laying a solid groundwork for more advanced cloud certifications and specialized roles. It's ideal for IT professionals, network engineers, system administrators, and anyone eager to start a career in cloud computing with a strong vendor-specific foundation.

Achieving the HCIA-Cloud Computing certification demonstrates your capability to understand and work with cloud technologies, making you a valuable asset in organizations adopting or managing cloud infrastructure. This qualification not only enhances your technical skillset but also boosts your professional credibility, opening doors to various entry-level cloud roles and establishing a clear pathway for career advancement in the rapidly expanding cloud industry.

Duration	40 hours
Level	Beginner
Vendor	Huawei

PREREQUISITES

- Basic IT infrastructure knowledge

COURSE CURRICULUM

01 Module 1: Introduction to Cloud Computing

- Evolution and Characteristics of Cloud Computing
- Cloud Service Models (IaaS, PaaS, SaaS)
- Cloud Deployment Models (Public, Private, Hybrid)
- Key Technologies and Benefits of Cloud Computing
- Overview of Huawei Cloud Computing Architecture

02 Module 2: Virtualization Technologies - Compute

- Fundamentals of Virtualization
- Hypervisor Types and Architectures
- Virtual Machine (VM) Concepts and Lifecycle
- Introduction to Huawei FusionCompute Virtualization Platform
- VM Creation, Configuration, and Management in FusionCompute

03 Module 3: Virtualization Technologies - Storage and Network

- Virtual Storage Concepts and Technologies
- Introduction to Distributed Storage (Huawei FusionStorage Basics)

- Virtual Network Concepts (Virtual Switches, VLANs, VXLAN)
- Basic Network Configuration for Virtual Environments
- Cloud Storage and Network Services Overview

04 Module 4: Huawei Cloud Computing Solution Components

- Overview of FusionSphere OpenStack Architecture
- Introduction to Core Components of FusionSphere
- Understanding Huawei's Cloud Management Platform
- Basic Cloud Service Provisioning and Consumption
- Resource Pools and Cluster Management

05 Module 5: Cloud Security and Operations & Maintenance Basics

- Fundamental Cloud Security Concepts
- Basic Cloud Data Protection and Disaster Recovery
- Introduction to Cloud Monitoring and Logging
- Troubleshooting Basic Cloud Computing Issues
- Best Practices for Cloud O&M

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior Cloud Administrator**
- > **Data Center Operations Technician**
- > **Entry-Level Cloud Support Engineer**

FREQUENTLY ASKED QUESTIONS

Q: What specific Huawei cloud products will I gain hands-on or conceptual experience with in the HCIA-Cloud Computing course?

This course provides a foundational understanding of Huawei's cloud ecosystem. You will gain practical exposure to the FusionCompute virtualization platform for managing virtual machines. While direct hands-on with FusionStorage and FusionNetwork might be conceptual at this beginner level, you will learn their principles and how they integrate within Huawei's overall FusionSphere OpenStack-based solution, preparing you for more advanced product-specific training.

Q: How does the HCIA-Cloud Computing certification prepare me for a career in cloud operations, and what are the recommended next steps after certification?

The HCIA-Cloud Computing certification equips you with the fundamental knowledge and skills crucial for entry-level cloud operations roles. You'll understand cloud architecture, virtualization principles, and basic management of cloud resources, which are essential for monitoring, basic provisioning, and support tasks. After achieving HCIA, the recommended next step for career advancement is to pursue the HCIP-Cloud Computing certification, which delves deeper into advanced planning, design, and implementation of Huawei's cloud solutions, opening doors to more specialized and senior roles.

Q: Are there any recommended prerequisites or foundational knowledge necessary to succeed in this HCIA-Cloud Computing course?

While HCIA-Cloud Computing is an entry-level certification, a basic understanding of IT networking concepts (e.g., IP addressing, subnets), server operating systems (Linux or Windows fundamentals), and general computer hardware knowledge will be highly beneficial. No prior cloud computing experience is strictly required, but familiarity with basic IT infrastructure concepts will help you grasp the course material more quickly and effectively.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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