

Cloud Computing Certification Training Programs

HCIA-Cloud Computing Training

Training Path

1	Building Cloud Computing Platform	
	Lecture, Practice	5, 5 days

Target Audience

- Those who hope to become Cloud Computing engineers
- Those who hope to obtain HCIA-Cloud certificate
- Operators and Maintainers
- Administrators
- Planners and designers

Prerequisites

- Be familiar with basic knowledge of IT.
- Be familiar with basic knowledge of server and PC OS.
- Be familiar with basic knowledge of storage.

Objectives

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

- Describe the trend of IT
- Describe what is Cloud Computing
- Describe the differences between traditional IT architecture and cloud computing architecture
- Describe the technology of Huawei Cloud Computing
- Describe the architecture and features of solution from Huawei
- Know how to choose a best Huawei solution for different scenario
- Describe virtualization and container
- Describe the role of hypervisor
- Be familiar with the technology, features and architecture of FusionCompute
- Be familiar with define and function of VRM and CNA
- Know how to install VRM and CNA
- Describe storage resource, storage device and data store in FusionSphere
- Describe the type of VM disk

- Describe the relationship between VM disk and storage
- Master the basic knowledge of network
- Be familiar with network virtualization
- Know how manager virtual network and physical network
- Master the define VM and template
- Master the role and essence of Tools
- Master how to operate a VM
- Know what service center is
- Know about FusionManager
- Know what FusionManager can apply for
- Be familiar about how to use FusionCompute to maintain
- Be familiar about how to use FusionManager to maintain

Training Contents

Building Cloud Computing Platform

- Cloud Computing Overview
 - The trend of IT development
 - What is cloud computing
 - Architecture of cloud computing
 - Technology of cloud computing
- Huawei cloud computing solution
 - FusionSphere overview
 - FusionAccess overview
 - Huawei Public Cloud Solution overview
- Cloud computing mainstream technology
 - Virtualization overview
 - Container overview
- Computing resource management in server virtualization
 - Architecture of FusionCompute
 - Install FusionCompute
 - The function of VRM
 - The function of CNA
- Storage management in server virtualization
 - The type of storage resource
 - The type of VM disks
 - The relationship between storage and disk

- Operation of storage
- Network management in server virtualization
 - Basic network knowledge
 - Network architecture in server virtualization
 - Virtual switch
 - Create virtual network resource
 - Manage virtual network and physical network
- VM and template management in server virtualization
 - VM and template overview
 - The Tools of VM overview
 - Create a VM
 - The important operation of a VM
- Daily operation
 - What is an operation
 - FusionManager overview
 - The business of FusionManager
- Daily maintenance
 - Maintain with FusionCompute
 - Maintain with FusionManager

Duration

◦ working days

Class Size

Max 16