

COURSE OUTLINE

HCIP-Cloud Computing

Duration: 9 Days

Prerequisites:

Participants should be familiar with the fundamentals of:

- Servers and PC operating systems
- Networks
- Storage
- Virtualization

Course Objectives:

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

- Describe the functions of the Huawei FusionSphere virtualization suite.
- Describe the architecture of FusionCompute.
- Understand the fundamentals of compute, storage, and network virtualization in FusionCompute.
- Perform routine maintenance and troubleshooting of FusionCompute.
- Use FusionCompute.
- Describe the architecture of the Huawei FusionAccess desktop solution.
- Understand the FusionAccess desktop provisioning principles.
- Use FusionAccess.
- Describe the FusionAccess desktop O&M and policy configuration.
- Perform troubleshooting on FusionAccess.

Intended Audience:

This training is intended for people who hope to:

- Become cloud computing engineers
- Obtain HCIP-Cloud certificates
- Understand cloud computing product deployment, management, and maintenance.

Course Outlines:

HUAWEI SERVER VIRTUALIZATION PRODUCT INTRODUCTION

1. FusionCompute Product Introduction
 - FusionSphere Virtualization Suite Introduction
 - FusionCompute Positioning and Features
 - FusionCompute Architecture
2. FusionCompute Compute Virtualization
 - Implementation Principles of Compute Virtualization
 - Compute Virtualization Features
 - Compute Virtualization Configuration

3. FusionCompute Storage Virtualization
 - Implementation Principles of Storage Virtualization
 - Storage Virtualization Features
 - Storage Virtualization Configuration
4. FusionCompute Network Virtualization
 - Implementation Principles of Network Virtualization
 - Network Virtualization Features
 - Network Virtualization Configuration
5. FusionCompute VM Provisioning and Management
 - VM Creation
 - VM Operations
 - VM Deletion and Reclamation
 - Creation, Import, and Export of VM Templates and VM Deployment Using Templates
 - Snapshot Operations
 - VM Flavor Modification
6. FusionCompute Routine Maintenance and Troubleshooting
 - Maintenance
 - Alarm Management

HUAWEI DESKTOP CLOUD PRODUCT INTRODUCTION

1. FusionAccess Desktop Solution Introduction
 - Solution Overview
 - Huawei Desktop Protocol (HDP) Introduction
 - FusionAccess Planning and Deployment
2. FusionAccess Desktop Component Introduction and Installation
 - AD/DNS/DHCP Component Introduction, Installation, and Configuration
 - ITA/GaussDB/HDC/WI/LI Component Introduction, Installation, and Configuration
 - vAG/vLB Component Introduction, Installation, and Configuration
3. FusionAccess Desktop Service Provisioning
 - Introduction to Linked Clone and Full Copy
 - VM Template Creation
 - Quick Provisioning
 - Provisioning Procedure on FusionAccess
4. FusionAccess Desktop O&M and Management
 - VM Service Adjustment
 - Service Reclaiming
 - Policy Management
 - Security Management
 - Account Management
 - Terminal Management
 - Backup and Restoration
5. FusionAccess Desktop Troubleshooting
 - Log Collection
 - Alarm Handling
 - Fault Handling

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