HCIE-Cloud Computing V3.0

Exam Outline

Huawei Certification HCIE-Cloud Computing V3.0 Certification Exam

Exam Code	H13-531	H13-536
Exam Name	HCIE-Cloud Computing V3.0（Write）	HCIE-Cloud Computing V3.0（Lab）
Exam language	ENU/CHS	ENU/CHS
Question Type	Single Answer, Multiple Answer, True-false Question, Fill in the blank answers, Drag and drop item	Operation, Essay
Exam fees	300 USD	1200USD
Exam Duration	90 min	480 min
Passing score/Total score	600/1000	80/100

Exam Content

The HCIE-Cloud Computing V3.0 exam base on the knowledge about the overall architecture of cloud computing and high-level services，includ HUAWEI CLOUD Stack desigining and planning, HUAWEI CLOUD Stack deployment and installation, HUAWEI CLOUD Stack operation and maintenant, Service migration to HUAWEI CLOUD Stack, Container Orchestration and Container Service, HUAWEI CLOUD Stack DR&Backup service and Security Service.

Knowledge Point Percentage

Key Points	Percentage(Write)	Percentage(Lab)
HUAWEI CLOUD Stack Solution	3%	0%
HUAWEI CLOUD Stack Planning and Design	12%	10%
HUAWEI CLOUD Stack Deployment and Installation	7%	10%
HUAWEI CLOUD Stack Resource and Service Scale-out	7%	5%
HUAWEI CLOUD Stack Maintenance	7%	5%
Huawei Cloud Migration Solution	7%	15%
HUAWEI CLOUD Stack DR and Backup Service Introduction	3%	10%
Container And Container Orchestration	33%	30%
HUAWEI CLOUD Stack Security Service Instruction	21%	15%

Knowledge points

HUAWEI CLOUD Stack Solution

- Development Background of Cloud Computing
  - Development Background of Cloud Computing
  - HUAWEI CLOUD Stack introduction
- HUAWEI CLOUD Stack Advantages
  - Solid Foundation

- Data Intelligence
- Application Agility
- Professional Services

HUAWEI CLOUD Stack Planning and Design

- HUAWEI CLOUD Stack Planning and Design
  - HUAWEI CLOUD Stack Delivery Overview
  - HUAWEI CLOUD Stack Standard Networking
  - HUAWEI CLOUD Stack Standard Configuration
- HUAWEI CLOUD Stack Network Traffic
  - VXLAN Overview
  - Internal Network Structures of HUAWEI CLOUD Stack Nodes
  - Traffic Flows of HUAWEI CLOUD Stack Network Services

HUAWEI CLOUD Stack Deployment and Installation

- HUAWEI CLOUD Stack LLD
  - Design Overview
  - Architecture
  - Networking
  - Deployment
  - Resources
  - Cloud Service Design
- HCSD Introduction
  - HUAWEI CLOUD Stack Deploy Overview
  - HUAWEI CLOUD Stack Deploy Functions
- HUAWEI CLOUD Stack Deployment Practices

HUAWEI CLOUD Stack Resource and Service Scale-out

- HUAWEI CLOUD Stack Capacity Expansion Project Overview
  - Overview of Capacity Expansion Projects
  - HUAWEI CLOUD Stack Capacity Expansion Process
- HUAWEI CLOUD Stack Management Scale Expansion
- HUAWEI CLOUD Stack Compute Resource Scale-out and Scale-in
- HUAWEI CLOUD Stack Cloud Service Scale-out

HUAWEI CLOUD Stack Maintenance

- HUAWEI CLOUD Stack Troubleshooting
  - General Troubleshooting Principles
  - Troubleshooting Common Faults of HUAWEI CLOUD
- HUAWEI CLOUD Stack Upgrade

    - HUAWEI CLOUD Stack Upgrade Overview
    - HUAWEI CLOUD Stack Upgrade Procedure
- HUAWEI CLOUD Stack Emergency Plans
    - Introduction to Emergency Planning
    - Emergency Planning for the IaaS Layer

Huawei Cloud Migration Solution

- Overview of Huawei Cloud Migration Solution
- Introduction to Rainbow
    - Rainbow Migration Principles
    - Rainbow Migration Constraints
    - Rainbow Delivery Process Overview
    - Success Stories

HUAWEI CLOUD Stack DR and Backup Service Introduction

- DR and Backup Solution Overview
- Backup Solution Introduction
- DR Solution Introduction
- DR and Backup Solution Architecture Introduction
    - Cloud DR Architecture Overview
    - Architecture of the Local HA Solution
    - Intra-City Active-Active Solution Architecture
    - Intra-City Cloud Host DR Solution Architecture
    - Remote Application DR Solution
    - Remote Cloud Host DR Solution Architecture
    - CSDR + Remote Backup Solution Architecture
    - CSDR N:1 Reference Architecture
    - CSHA+CSDR: Solution Architecture of Geo-redundant
    - DR for Cloud Servers
- Management Component DR and Backup Solution
- Advanced Cloud Service DR Introduction

Container and Container Orchestration

- Introduction to Cloud Native
- Container Technologies
    - What Is a Container?
    - How Does a Container Work?
    - Container Management
    - Container Storage
    - Container Images

    - Dockerfile
- Container Orchestration
    - Problems Faced by Single-Node Containers
    - Kubernetes Instruction
    - Installing Kubernetes
    - Basic Operations on Kubernetes Objects
    - Compilation Basics of Kubernetes YAML File
    - Common Kubernetes Workloads
    - Kubernetes Scheduler
    - Helm Overview
- Introduction to Cloud Container Engine (CCE)
    - CCE Technology Architecture
    - CCE Features
    - CCE Management

HUAWEI CLOUD Stack Security Service Instruction

- HUAWEI CLOUD Stack Security Solution
    - Introduction to Cloud Computing Security
    - HUAWEI CLOUD Stack Security Solution Overview
- HUAWEI CLOUD Stack Network Security
    - Network Security Overview
    - Network Security Services

NOTE

The test content mentioned in this document provides a general test guide for candidates. Other content not mentioned in this document may also be used in the test.

Reference

Huawei Certified HCIE-Cloud Computing V3.0 Course

Recommended Training

Huawei Certified HCIE-Cloud Computing V3.0 Training