HCIP-Cloud Computing V5.0 Exam Outline

HCIP-Cloud Computing V5.0 Certification Exam

Exam Name	HCIP-Cloud Computing V5.0
Exam Code	H13-527
Exam Language	Chinese/English
Question Type	True or false, single-answer questions, multiple-answer questions, drag-and-drop, and fill-in-the-blank questions
Exam Fee	USD300
Exam Duration	90 min
Pass/Max	600/1000

Exam Content

The HCIP-Cloud Computing V5.0 exam covers knowledge points of open source OpenStack and HUAWEI CLOUD Stack, including the open source OpenStack architecture, working principles and invoking relationships of key components, and HUAWEI CLOUD Stack architecture, product components, and common components, working principles and usage of basic IaaS services such as HUAWEI CLOUD Stack compute, storage, and network services, HUAWEI CLOUD Stack operations and O&M.

Knowledge Point Proportion

Knowledge Point	Proportion
Open source OpenStack architecture, working principles and invoking relationships of key components	30%
Introduction to the HUAWEI CLOUD Stack architecture, product components, and common components	20%
Working principles and usage of basic IaaS services, such as HUAWEI CLOUD Stack compute, storage, and network services	20%
HUAWEI CLOUD Stack operations	10%
HUAWEI CLOUD Stack O&M	20%

Knowledge Points

Open source OpenStack

- OpenStack Architecture
  - OpenStack Overview
  - OpenStack Architecture
  - OpenStack Core Services
  - Interactions Between OpenStack Projects
- OpenStack Dashboard Management
  - Horizon Overview
  - Horizon Architecture

    - Horizon GUIs
- OpenStack Identity Management
    - Keystone Overview
    - Keystone Architecture
    - Keystone Object Models
    - Keystone Working Principles and Processes
- OpenStack Image Management
    - Glance Overview
    - Glance Architecture
    - Glance Working Principles and Processes
    - Glance Image Creation
- OpenStack Compute Management
    - Nova Overview
    - Nova Architecture
    - Nova Working Principles and Processes
    - Nova Typical Operations
- OpenStack Storage Management
    - OpenStack Storage Overview
    - Block Storage Service: Cinder
    - Object Storage Service: Swift
- OpenStack Network Management
    - Linux Network Virtualization Technologies
    - Neutron Overview
    - Neutron Concepts
    - Neutron Architecture
    - Typical Neutron Operations and Processes
    - Neutron Network Traffic Analysis
- OpenStack Orchestration Management
    - Heat Overview
    - Heat Architecture
    - Typical Orchestration Scenarios of Heat
- OpenStack Telemetry Management
    - Ceilometer Overview
    - Ceilometer Architecture
    - Ceilometer Data Management

HUAWEI CLOUD Stack architecture, product components, and common components

- HUAWEI CLOUD Stack Architecture and Components
  - HUAWEI CLOUD Stack Solution and Architecture
  - HUAWEI CLOUD Stack Components and Common Components

Working principles and usage of basic IaaS services, such as HUAWEI CLOUD Stack compute, storage, and network services

- Service OM Resource Management
  - Introduction to Service OM
  - Compute Resource Management on Service OM
  - Storage Resource Management on Service OM
  - Network Resource Management on Service OM
- HUAWEI CLOUD Stack Service Overview
  - Introduction to HUAWEI CLOUD Stack Cloud Services
  - Introduction to HUAWEI CLOUD Stack General Services
  - Cloud Migration Cases
- HUAWEI CLOUD Stack Compute Services
  - Overview of HUAWEI CLOUD Stack Compute Services
  - HUAWEI CLOUD Stack Storage Services
  - Storage Solution Design
- HUAWEI CLOUD Stack Network Services
  - Overview of HUAWEI CLOUD Stack Network Services
  - General Network Services
  - Interworking Services
  - Value-Added Services
  - Network Design

HUAWEI CLOUD Stack operations

- HUAWEI CLOUD Stack ManageOne ServiceCenter Introduction
  - Operations Overview
  - Resources and Organizations
  - Service Supply
  - Metering & Pricing
  - Tenant Maintenance
  - Multi-cloud Management

HUAWEI CLOUD Stack O&M

- HUAWEI CLOUD Stack ManageOne OperationCenter Introduction

- Maintenance Overview
- Maintenance Functions at the Collection and Control Layer
- Maintenance Functions at the Platform Layer
- Maintenance Functions in Different Scenarios

NOTE

The exam content includes but is not limited to that mentioned in this document.

References

HCIP-Cloud Computing V5.0 course

Recommended Training

HCIP-Cloud Computing V5.0 Training