

## HCIA-Cloud Service V2.0

### Target Audience

- Those who want to be cloud service engineers
- Those who want to achieve HCIA-Cloud Service certification
- Those who want to learn the operation, management, and maintenance of Huawei's cloud service products

### Prerequisites

- Have basic network knowledge
- Have basic storage and server knowledge
- Have basic knowledge of Windows/Linux

### Objectives

- Upon completion of this program, the participants will be able to know:
- Describe the concept and value of cloud service
- Describe the Huawei cloud service architecture and ecosystem
- Huawei Cloud Service Management System
- Operate and manage Computing Cloud Service including Elastic Cloud Server, Auto Scaling and Image Management Service
- Operate and manage Storage Cloud Service including Elastic Volume Service, Volume Backup Service, Object Storage Service and Scalable File Service
- Operate and manage Network Cloud Service including Virtual Private Cloud, Elastic Load Balance, Direct Connect and Virtual Private Network
- Operate and manage Cloud Security service products
- Operate and manage Cloud Eye Service
- Operate and manage Relational Database Service
- Operate and manage EI
- Operate and manage API

### Duration

- 5 working days

### Content

Introduction of Huawei Public Cloud and Cloud Service

- Concept and Value of Cloud Service
  - Cloud Computing Evolution
  - Cloud Computing Concepts
  - Cloud Services Evolution
  - Cloud Services Categories
  - Cloud Services Value
  - Cloud Services Application
  - HUAWEI CLOUD Development Strategy
- Architecture of Huawei Public Cloud

- HUAWEI CLOUD Service Architecture
- HUAWEI CLOUD Key Services
- Ecosystem of Huawei Public Cloud
  - HUAWEI CLOUD Academy
  - Developers
  - HUAWEI CLOUD Marketplace
  - Partners

#### Huawei Cloud Service Management System

- Huawei Cloud Service Management System
  - Registration and Login
  - HUAWEI CLOUD Management Console
  - Identity and Access Management (IAM)
  - Examples of HUAWEI CLOUD Services

#### Computing Cloud Service

- Compute Service – Elastic Cloud Server
  - Overview
  - ECS Purchasing
  - ECS Management
  - Related Services
- Compute Service – Auto Scaling
  - Overview
  - Creating an AS Group
  - Creating a Bandwidth Scaling Policy
  - Usage and Management
  - Related Services
- Compute Service – Image Management Service
  - Introduction
  - Image Creation
  - Image Management
  - FAQs
  - Related Services

#### Storage Cloud Service

- Storage Service – Elastic Volume Service
  - Overview

- Purchasing
- Usage and Management
- FAQs
- Related Services
- Storage Service – Volume Backup Service
  - Service Overview
  - Key Features
  - Common Operations
  - Limitations and Restrictions
  - FAQs and Troubleshooting Cases
  - Related Services
- Storage Service – Object Storage Service
  - Introduction
  - Basics
  - Functions and Features
  - Using and Managing
  - FAQs and Troubleshooting
  - Reference Documents and Websites
- Storage Service – Scalable File Service
  - SFS Overview
  - Using and Managing
  - Restrictions and Limitations
  - FAQs
  - Troubleshooting Cases

#### Network Cloud Service

- Network Service – Virtual Private Cloud
  - VPC Overview
  - VPC Concepts
  - VPC Application Scenarios
  - VPC Use and Management
  - VPC FAQs and Troubleshooting
  - Related Services of VPC
- Network Service – Elastic Load Balance
  - Overview

- Resource Management
- FAQs
- Related Services
- Network Service – Direct Connect
  - Direct Connect Overview
  - Direct Connection Creation
  - Direct Connection Management
  - Common User Connection Management
  - Partner Connection Management
  - Virtual Gateway Management
  - Virtual Interface Management
  - FAQs
- Network Service – Virtual Private Network
  - VPN Overview
  - VPN Quick Start
  - VPN Use and Management
  - VPN FAQs

#### Cloud Security Service

- Huawei Cloud Security Services
  - Basics of HUAWEI CLOUD Security Services
  - Security Concerns and Security Ecosystem
  - HUAWEI CLOUD Security Service Family
  - Purchase and Use of HUAWEI CLOUD Security Services
  - Overview of HUAWEI CLOUD Security Services

#### Cloud Eye Service

- Huawei Cloud - Cloud Eye
  - Cloud Eye Overview
  - Cloud Eye Functions
  - Alarm Rules
  - Open APIs
  - Applications

#### Relational Database Service

- Huawei Cloud Service- Relational Database Service
  - RDS Overview

- RDS Key Features
- RDS Basic Operations
- FAQs

#### Enterprise Intelligence

- Huawei Cloud - Enterprise Intelligence
  - AI Industry Trends
  - HUAWEI CLOUD EI Services
  - Industrial Practices of HUAWEI CLOUD EI

#### API Gateway

- API Gateway
  - API Gateway Overview
  - The API Economy
  - FAQs