

HCIE-Cloud Computing



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Online Course

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Course Modules

1. HUAWEI CLOUD Stack Solution Introduction

- Cloud Computing Development Background
- HUAWEI CLOUD Stack Features

2. HUAWEI CLOUD Stack Planning and Design

- HUAWEI CLOUD Stack Delivery Overview
- Requirement survey and resource planning
- HUAWEI CLOUD Stack Standard Networking
- HUAWEI CLOUD Stack Standard Configuration

3. HUAWEI CLOUD Stack Network Traffic Details

- VXLAN Overview
- Internal network structure of HUAWEI CLOUD Stack nodes
- Traffic Direction of HUAWEI CLOUD Stack Network Services

4. HUAWEI CLOUD Stack LLD Design

- Design Overview
- Overall Architecture Design
- Network Design
- Deployment Design
- Resource design
- Service Design



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5. Introduction to HUAWEI CLOUD Stack Deploy

- Introduction to HUAWEI CLOUD Stack Deploy
- Functions of HUAWEI CLOUD Stack Deploy

6. HUAWEI CLOUD Stack Deployment Practice

- Capacity Expansion of HUAWEI CLOUD Stack Resources & Servcs
- Introductn to HUAWEI CLOUD Stack Capacity Expansion Project
- Expanding the management scale of HUAWEI CLOUD Stack
- Capacity Expansn & Reductn of HUAWEI CLOUD Stack Computg
- HUAWEI CLOUD Stack Cloud Service Capacity Expansion

7. HUAWEI CLOUD Stack Troubleshooting

- General Troubleshooting Principles
- Common HUAWEI CLOUD Stack Troubleshooting

8. HUAWEI CLOUD Stack Version Upgrade

- HUAWEI CLOUD Stack Version Upgrade
- Procedure for Upgrading HUAWEI CLOUD Stack Versions

9. HUAWEI CLOUD Stack Contingency Plan

- Emergency Plan Introduction
- IaaS Contingency Plan



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10. Service migration to the cloud

- Overview of Huawei Service Migration Solution
- Introduction to Rainbow Migration Tool
- Huawei Service Migration Cases

11. Introduction to HUAWEI CLOUD Stack DR Service

- DR Solution Overview
- Introduction to the Backup Solution
- DR Solution Introduction
- DR Solution Architecture
- Management Component DR Solution
- Introduction to Advanced Cloud Service DR

12. Introduction to Cloud Native

- Introduction to Cloud Native
- Introduction to Cloud Native Services in HUAWEI CLOUD Stack



13. Container details

- What's the container
- How the container works
- Container Management
- Container network
- Container storage
- Container image
- Dockerfile Details

14. Container orchestration

- Problems faced by a single-node container
- Introduction to Kubernetes
- Kubernetes Installation
- Basic Operations on Kubernetes Objects
- Kubernetes YAML File Writing Basics
- Kubernetes Common Workloads
- Introduction to Kubernetes Scheduler
- Introduction to Helm

15. Introduction to the CCE

- CCE Technical Architecture
- CCE Feature Introduction
- Introduction to CCE Management



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16. HUAWEI CLOUD Stack Security Solution

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

17. HUAWEI CLOUD Stack Network Security

- Network Security Overview
- Network Security Services

A large, stylized, light gray letter 'Z' serves as a background for the logo. The 'Z' is composed of three main diagonal strokes. To the right of the 'Z', the company name 'Zetlan Technologies' is written in a clean, sans-serif font.

Zetlan Technologies

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