

HCIA Cloud Computing

Objectives

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

- (1).Describe what cloud computing is.
- (2).Describe the history of cloud computing.
- (3).List a few use cases of cloud computing.
- (4).Describe the characteristics of cloud computing
- (5).Be able to describe what virtualization is.
- (6).Understand the differences between virtualization and cloud computing.

Target Audience

Those who hope to become Cloud Computing engineers
Those who hope to obtain HCIA-Cloud certificate
Operators and Maintainers
Administrators
Planners and designers

Prerequisites

Be familiar with basic knowledge of IT.
Be familiar with basic knowledge of server and PC OS.
Be familiar with basic knowledge of storage.
Be familiar with basic knowledge of Linux

Training Content

- 1.A Brief Introduction to Cloud computing
Cloud Computing Is Already Here
Cloud Computing Advantages
Cloud Computing Definition
Origin and Development of Cloud Computing
Cloud Computing Models
- 2.Introduction to Compute Virtualization
Introduction to Virtualization
Introduction to KVM
Introduction to FusionCompute
- 3.Network Basics for Cloud Computing
Network Architecture for Virtualization
Physical Network for Virtualization
Virtual Network for Virtualization

Network Features of Huawei Virtualization Product

4.Storage Virtualization Basics

Storage Architecture for Virtualization

Physical Disk Types and Related Techniques

Centralized Storage vs. Distributed Storage

Virtualized Storage vs. Non-Virtualized Storage

Introduction to VM Disks

Storage Features of Huawei's Virtualization Product

5.Introduction to Virtualization Features

Introduction to Cluster Features

Introduction to Virtualization Features

Introduction to the Features of Huawei's Virtualization Product

6.Cloud Computing Trends

Fields Related to Cloud Computing

Cloud Computing Technologies

Cloud Computing Trends

Other Emerging Technologies