HW-CLCO

HUAWEI CERTIFIED ICT ASSOCIATE CLOUD COMPUTING

DURATION	LEVEL	TECHNOLOGY	DELIVERY METHOD	TRAINING CREDITS
5 Days	Associate	Cloud	ILT	Huawei Learning Vouchers

INTRODUCTION

The HCIA Cloud Computing v4 course is a Huawei vendor specific certification that covers Huawei's best practices to enable delegates to start the road toward working and implementing cloud strategies utilizing Huawei Cloud Engine Hardware. It covers the introduction of Cloud Computing, Computing virtualization across several vendor as well as open source platforms. It covers basic skills in Linux, networking, network virtualization, storage and distributed storage strategies used in a Huawei Cloud Computing Solution.

AUDIENCE PROFILE

This course is intended for IT professionals with an intermediate to advanced knowledge base in networking, Linux, virtualization and storage technologies will benefit the delegate.

PREREQUISITES

Before attending this course, delegates must:

− Have an understanding of server virtualization (Hyper-V, VMware, KVM)

− Have working knowledge of storage technologies (RAID, File Systems)

− Have had exposure to hardware routing, switching and firewalls

COURSE OBJECTIVES

Upon completion of this course, delegates should be familiar with the following:

− Introduction to Cloud computing

− How to use virtualization technology to build cloud computing and perform basic operations of cloud computing

− Introduction to virtualization

COURSE CONTENT

Module 1: Introduction to Cloud Computing
− 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
− Virtual Network for Virtualization

− Network Features of Huawei Virtualization Product

Module 2: Introduction to Compute Virtualization
− Introduction to KVM
− Introduction to Fusion Compute
− Introduction to Virtualization

Module 3: Network Basics for Cloud Computing
− Network Architecture for Virtualization

− Physical Network for Virtualization

Module 4: Storage Virtualization Basics
− Storage Architecture for Virtualization
− Physical Disk Types and Related Techniques

Module 5: Introduction to Virtualization Features
− Introduction to Cluster Features

- Introduction to Virtualization Features
- Introduction to the Features of Huawei's Virtualization Product

Module 6: Storage Features of Huawei's Virtualization Product

- Centralized Storage vs. Distributed Storage
- Virtualized Storage vs. Non-Virtualized Storage
- Introduction to VM Disks

Module 7: Cloud Computing Trends

- Fields Related to Cloud Computing
- Cloud Computing Technologies
- Cloud Computing Trends
- Other Emerging Technologies

ASSOCIATED CERTIFICATIONS & EXAM

This course will prepare delegates to write the HCIA Cloud Computing exam# H13-511 v4.0 exam.