



HCNP Cloud Fast Track

Huawei Certified Network Professional Cloud Fast Track

Duration:

5 days

Price:

€ 2,950.00 excl. VAT

Who should attend?

Those who hope to become an advanced Unified Communications engineer

Those who hope to obtain HCNP-UC certificate

Prerequisites:

A general familiarity with PC operation system

A general familiarity with network knowledge

A general familiarity with communication theory

HCNA-UC certified or acquire similar knowledge

HCNP Unified Communications Certifications:

H11-828 - HCNP-UC (Huawei Certified Network Professional–Unified Communication)

Course Objectives:

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

- Know the development tendency of communication
- Know the architecture and components of eSpace UC solution
- Understand networking principles of eSpace UC solution
- Understand eSpace UC license configuration
- Understand the ECS application deployment types
- Deploy eSpace UC service
- Deploy medium or large scale IPT network
- Describe AR voice application scenario
- Deploy AR voice as local node of large IPT network
- Describe local regeneration principle
- Deploy toll fraud prevention solution
- Deploy eSpace client extranet access
- Deploy eSpace console system and eSpace audio recorder
- Get familiar with the CDR service scenarios



- Learn about precautions for eSpace UC routine maintenance
- Get familiar with typical tools and methods for routine maintenance
- Understand the troubleshooting process
- Understand how to collect and analyze various types of fault reference information
- Understand how to diagnose common system faults
- Understand how to rectify common faults

Course Content

Module 1: eSpace UC Solution Overview

- eSpace UC Solution Overview
- eSpace UC Product Portfolio
- eSpace UC Application Scenarios

Module 2: eSpace UC Solution Network

- eSpace UC Solution Network Overview
- Networking Principles
- Typical Application Scenarios
- Licenses

Module 3: ECS Application Deployment

- ECS Deployment Plan
- ECS Installation
- ECS Service Configuration

Module 4: ECS Basic Services Configuration

- UC Account Configuration
- UC Terminal Configuration
- Managing an Enterprise Address Book
- Presence and IM Service
- User Self-Service

Module 5: ECS Advanced Services Configuration

- Multimedia Conference Service
- Multimedia Conference Configuration
- Using the Conference Service

Module 6: eSpace IPT Reliable Solution Network

- Reliable Network Introduction
- Dual Redundancy Recovery
- Remote Disaster Recovery

Module 7: Multi-Node Centralized Network

- Network Scheme and Principle of Multi-Node Centralized Network
- Typical Network Scenario Description and Data Configuration

Module 8: AR Voice System Introduction

- AR Voice Product Introduction
- AR Voice Hardware Introduction
- AR Voice Basic Concepts

Module 9: VRP Introduction and Operation

Module 10: AR Voice Basic Operation and Configuration (Local Branch Scenario)

- Networking Principle
- Data Configuration

Module 11: Multi-Node Distributed Network

- Peer-to-Peer Mode Network
- Convergent Mode Network

Module 12: Toll Fraud Prevention

- Toll Fraud Scenarios
- Preventing Calls from Being Transferred Through a Trunk and the VU
- Preventing Registration or Login of Unauthorized Users
- Taking Other Prevention Measures

Module 13: Extranet Access of UC Terminals

- Extranet Access Solution Overview
- Networking Principle
- Data Configuration

Module 14: eSpace Console System

- Console Networking
- Console Scenario
- Console Configuration

Module 15: eSpace Audio Recorder

- Recording System Overview
- Application Scenario
- Service Configuration and Operation

Module 16: eSpace UC Routine Maintenance

- Precautions for Routine Maintenance
- Backup and Recovery
- CDR and Billing
- Maintenance Operations on the AR



Module 17: AR Voice System Maintenance and Troubleshooting

- Status Query
- Signaling Tracing
- Debugging
- Statistics

Module 18: eSpace UC System Troubleshooting

- Troubleshooting Overview
- Collecting Faults Information
- Typical Fault Analysis
- Obtaining Technical Support