Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Huawei Certified Network Associate (HCNA)-Routing & Switching

CODE:	DURÉE:	PRIX H.T.:
HUA_HCNA-RS	35 Hours (5 Jours)	€3,750.00

Description

With HCIA certification, you demonstrate a basic understanding of small and medium-sized networks, including general network technologies, and the ability to assist the design of small and medium-sized networks, and implement the designs using Huawei routing and switching devices.

Objectifs

With HCIA certification, you demonstrate a basic understanding of small and medium-sized networks, including general network technologies, and the ability to assist the design of small and medium-sized networks, and implement the designs using Huawei routing and switching devices.

Audience

Those who wish to become a Huawei Certified ICT Associate. For those who possess basic IT skills, but lack knowledge of IP network.

Prérequis

A working knowledge of IT technologies.
Equivalent level others vendor as Cisco CCNA.

Programme

Module 1-Supporting and Maintaining Enterprise Local Area Networks
▪ Establishing a Single Switched Network
▪ Spanning Tree Protocol
▪ Rapid Spanning Tree Protocol

Module 2-Establishing Internetwork Communication
▪ Segmenting the IP Network
▪ IP Static Routes
▪ Distance Vector Routing with RIP
▪ Link State Routing with OSPF

Module 3-Implementing Network Application Services
DHCP Protocol Principles
FTP Protocol Principles
Telnet Protocol Principles

Module 4-Local Enterprise Network Features and Services
Link Aggregation
VLAN Principles
GARP & GVRP
Wireless LAN Overview

Module 5- Connecting Beyond the Enterprise Network
ridging Enterprise Networks with Serial WAN Technology

Frame Relay Principles
Establishing DSL Networks with PPPoE
Network Address Translation
Establishing Enterprise Radio Access Network Solutions

Module 6-Securing the Enterprise Network
Access Control Lists
AAA
Securing Data with IPSec VPN
Generic Route Encapsulation

Module 7-Supporting IPv6 Networks
Introducing IPv6 Networks
IPv6 Routing Technologies
IPv6 Application Services – DHCPv6
Lecture, Hands-on exercise

Dates de session

Sur demande. Merci de nous contacter

Informations Complémentaires

Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.