



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# Huawei Certified Network Associate (HCNA)-Routing & Switching

<b>CODE:</b>	<b>DURÉE:</b>	<b>PRIX H.T.:</b>
HUA_HCNA-RS	40 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  
Configuring 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.