Enterprise Computing Solutions - Education Services

TRAINING OFFERING

Du kan nå oss här

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HCNP-Routing & Switching-IENP (Improving Enterprise Network Performance)

CODE:	LENGTH:	PRICE:
HUA_HCNP-RS-IENP	40 Hours (5 days)	kr34,500.00

Description

Programme

Content
Module 1-MPLS
The MPLS working principles
The MPLS configuration
Module 2-MPLS VPN
The traditional VPN models
The working principles of MPLS VPN
The basic configuration of MPLS VPN
Module 3-DHCP
DHCP principles and configurations
DHCP relay principles and configurations
DHCP and corresponding protection mechanisms
Module 4-Mirroring
Mirroring principles
Configure the mirroring function
Module 5-eSight
The background about eSight
eSight installation and uninstallation procedures
The eSight license application process
eSight basic functions
Operations of eSight basic functions
Module 6-Agile Controller
Challenges facing traditional networks
Basic functions and features of the Agile Controller
Agile Controller configuration process
Module 7-QoS
The factors affecting QoS
QoS service models
The implementation of the DiffServ model
The packet classification basis
The process of packet re-marking
The configuration of the classification and re-marking
The implementation of congestion management
Common queue scheduling algorithms
The disadvantages and solution of tail drop
Features of traffic policing and traffic shaping
The configuration of traffic policing and traffic shaping
Module 8-Huawei Firewall
Why we need information security
How to ensure information security
Security issues and risks faced by networks
How to resolve the security issues faced by networks
Firewall basic knowledge and security policy configuration
NAT principle and configuration
Attack defense principle and configuration
Application behavior control principle and configuration

Module 9-VRRP
VRRP principles
The VRRP active/standby switchover
VRRP configurations
Module 10-BFD
BFD implementation
BFD configurations in common application scenarios
Module 11-SDN
The benefits of SDN
The SDN concept and architecture
Ways of SDN evolution for traditional networks
Module 12-VXLAN
Challenges facing data center networks
The basic principles of VXLAN
Basic configurations of SDN-based VXLAN
Module 13-NFV
Basic concepts of NFV
The NFV architecture
The relationship between NFV and SDN

Session Dates

På begäran, kontakta oss

Ytterligare information

Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.