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Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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HCNP-Routing & Switching-IERS (Implementing Routing & Switching)

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

Description

Programme

Content Module 1-OSPF RIP problems in large network OSPF characteristics Network types supported by OSPF The process of establishing OSPF neighbor relationships The concepts and functions of OSPF DR and BDR The Router-LSA contents and functions The Network-LSA contents and functions The shortest path first (SPF) algorithm The inter-area route transmission process Prevent inter-area routing loops Application scenarios of OSPF virtual links Configure virtual links The functions of AS-External-LSAs and ASBR-Summary-LSAs Calculate OSPF external routes How suboptimal external routes are generated The OSPF route summarization principle The OSPF update mechanism The OSPF authentication mechanism Module 2-ISIS IS-IS principles The differences between IS-IS and OSPF Configure IS-IS Module 3-BGP Working Principle of BGP BGP attributes and applications BGP route summarization applications Module 4-IP Multicast Basics Characteristics of point-to-multipoint applications The basic multicast architecture The structure of multicast addresses Module 5-IGMP IGMP working mechanisms and configurations The differences between different IGMP versions The mechanism of IGMP snooping Module 6-PIM Multicast forwarding requirements PIM-DM working mechanisms and configurations PIM-SM working mechanisms and configurations Module 7-Route Control Control traffic reachability Adjust network traffic paths The problems caused by route import and solutions Module 8-Eth-Trunk The Eth-Trunk principle The Eth-Trunk configuration Module 9-Advanced Features of Switches The application scenario and configuration of MUX VLAN The application scenario and configuration of port isolation The application scenario and configuration of port security Module 10-RSTP The working principle of RSTP Similarities and differences between RSTP and STP The RSTP configuration in typical application scenarios Module 11-MSTP Limitations of a single spanning tree The MSTP working mechanism Configure MSTP

Session Dates

På begäran, <u>kontakta oss</u>

Ytterligare information

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