ΛRROW

Enterprise Computing Solutions - Education Services

TRAINING OFFERING

You can reach us at:

Arrow ECS, Woluwedal 30, 1932 Sint-Stevens-Woluwe

Email: education.ecs.benelux@arrow.com
Phone: +32 2 332 19 57

HCIP - Routing & Switching - IERS

CODE:	LENGTH:	PRICE:
HUA_HCIP-R&S IERS	40 Hours (5 days)	Request Price

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

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.