



HCIP R&S – Huawei Certified ICT Professional – Routing & Switching

HCIP-R&S certification validates the knowledge and skills required to construct and manage small and medium-sized networks.

The HCIP-Routing&Switching curriculum includes, but is not limited to the following:

Fast Deployment of Enterprise Routing Network (OSPF, ISIS, BGP, IP Multicast, Route Control)

Fast Deployment of Enterprise Switching Network (Advanced Features of Switches, RSTP, MSTP)

Improving Enterprise Network Service Bearer Capability (MPLS, MPLS VPN)

Optimizing Enterprise Network Access Control and Manageability (DHCP, eSight, Agile Controller)

Improving Enterprise Network Service Quality (QoS)

Improving Enterprise Network Security and High Reliability (Firewall Technology, VRRP, BFD)

Next-Generation Enterprise Network Development Trends (SDN, VXLAN, NFV)

Implementing Enterprise-level Network Engineering Project (Network Planning, Network Design, Network Implementation, Network Maintenance, Network Troubleshooting, Network Optimization, Network Migration)

With HCIP-Routing&Switching certification, you demonstrate a comprehensive and thorough understanding of small and medium-sized networks, including general network technologies, and the ability to design small and medium-sized networks independently and implement the designs using Huawei routing and switching devices.

With engineers who are HCIP-Routing&Switching certified, enterprises are able to construct complete small and medium-sized networks and integrate voice, wireless, cloud, security, and storage technologies into their networks in order to support a variety of applications while providing enhanced security, availability, and reliability.

Exam information

HCIP-Routing&Switching-IERS (Huawei Certified ICT Professional-Implementing Enterprise Routing and Switching Network) - H12-221

HCIP-Routing&Switching-IERS (Huawei Certified ICT Professional-Implementing Enterprise Routing and Switching Network) - H12-222

HCIP-Routing&Switching-IEEP (Huawei Certified ICT Professional- Implementing Enterprise Network Engineering Project) - H12-223

Certificate Prerequisites

HCIA-R&S