

Dell Power Switch Data
Centre Deploy



Online Course



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Dell Power Switch Data Centre Deploy

Course Modules

1. Network Overview

- Identify the main components within the Data Center portfolio
- Review common Data Center networking topologies



2. FHRP

- Identify VRRP components
- Outline VRRP operation and behavior
- Configure and verify the operation of VRRP in OS10

3. Link Redundancy

- Describe the components that makeup a VLT configuration
- Configure and verify the operation of VLT in OS10
- Outline the components of UFD
- Configure and verify the operation of UFD in OS10

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4. IP Routing

- Describe the components of OSPF
- Review the operation and behavior OSPF
- Configure and verify a single area of OSPF topology
- Outline the main components in BGP
- Configure and verify the operation of BGP
- Describe Policy-Based Routing (PBR) basic operations
- Configure and verify the operation of PBR



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5. Security

- Configure and verify ACLs in OS10
- Outline the components of AAA security
- Configure and verify the operation of AAA Security in OS10

6. Data Center Technologies

- Describe the operation and use case for VRF
- Configure and verify the operation of VRF in OS10
- Outline the basic operation of QoS
- Review traffic identification, marking and prioritization in QoS
- Configure and verify the operation of QoS in OS10
- Outline the basic operation of IP Multicast
- Configure and verify IGMP and PIM protocols
- Configure and verify the operation of Multicast in OS10
- Outline the operation of NTP, PTP, and Synch-E
- Configure and verify the operation of Network timing protocols

7. Network Automation

- Describe the rationale for network automation
- Examine the components within Smart Fabric Services & OMNI
- Configure and verify operation of SFS and OMNI



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