

Dell Power Switch Campus Deploy



Online Course



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Course Modules



1. Networking Overview

- Explain the typical end-to-end data flow of a Campus network
- Identify common Campus networking topologies
- Major components within the Dell Campus network portfolio

2. First Hop Redundancy Protocol-FHRP

- Components and use for Virtual Router Redundancy Protocol
- Operation & behavior of Virtual Router Redundancy Protocol
- Configure the operation of the Virtual Router Redundancy Protocol

3. IPv6 Stacking

- Identify the components and use cases of an MLAG solution
- Describe the operation and behavior of the MLAG solution
- Configure and verify the operation of the MLAG Solution

4. IP Routing

- Compare policy-based routing (PBR) and traditional routing
- Configure and verify the operation of PBR
- Components and use cases of Open Shortest Path First (OSPF)
- Operation and behavior of Single Area Open Shortest Path First



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5. Single Area Open Shortest Path First (OSPF) topology Security

- Configure and verify Access Control Lists (ACLs) in OS6
- Describe Benefits & use of authentication, authorization, etc.,
- Compare authentication, authorization, and accounting (AAA)
- Config and verify OS6 local and remote users for administrative

6. Accounts Campus Services

- Identify the components and use cases in a PoE solution
- Configure and Troubleshoot Power over Ethernet (PoE)
- Identify the components and use cases in a VoIP solution
- Config & verify the operation of the Voice VLAN on an OS6 Switch
- Compare Differentiated Service Code Points (DSCP) & 802.1p (CoS)
- Configure Differentiated Services Code Points DSCP & 802.1p (CoS)

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7. IPv6

- Describe the types and functions of IPv6 addresses
- Describe the IPv6 address format and address abbreviation
- Configure and verify IPv6 address assignment



8. Stacking

- Identify the components and use cases for stacking
- Configure and verify the operation of stacking in OS6

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