

# DELL POWERSWITCH DATA CENTER IMPLEMENTATION AND ADMINISTRATION

Course Code: 833007

Learn Dell PowerSwitch Data Center Implementation and Administration.

The Dell PowerSwitch Data Center Implementation and Administration course is part of the certification training path leading to Dell Certified Specialist, Networking. This Instructor-led course provides the learner with an understanding of Data Center Networking Products, features, and implementation.

## What You'll Learn

Students will learn to,

- List the Dell Networking Data Center products and its features
- Describe uplink failure detection, its use cases, UFD components and configuration requirements.
- Configure and verify of VRRP, VLT OSPF, PBR, BGP and VRF.
- Describe network timing concepts. Configure and verify NTP, PTP and SyncE in OS10.
- Explain the concepts relating to IP Multicast technology, Identify the steps required to configure multicast I/O into an existing network environment using OS10.
- Describe the basic operations of QoS and use cases for QoS. Configure and verify QoS in OS10.
- Need for SmartFabric Services. Configuring and verifying Leaf-spine network using SmartFabric Services.

## Who Needs to Attend

This course is intended for professionals those who configure, manage, and troubleshoot Dell Data Center Networking products. This course is delivered through instructor-led training with hands-on activities.

## Prerequisites

The pre-requisite for this course is that the student must have completed the Associate course Dell Networking Concepts and Features.



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VIRTUAL CLASSROOM LIVE

\$3,130 USD

5 Day

## Virtual Classroom Live Outline

### Dell PowerSwitch Data Center Implementation and Administration

- Data Center Networking Overview
- Virtual Router Redundancy Protocol(VRRP)
- Virtual Link Trunking
- Failure Detection
- Open Shortest Path First(OSPF)
- Border Gateway Protocol(BGP)
- Policy-Based Routing(PBR)
- Virtual Routing and Forwarding(PBR)
- Security
- Timing Protocols
- Multicast
- Quality of Service(QoS)
- SmartFabric Services and OMNI

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