

DCNXA - IMPLEMENTING CISCO NEXUS 9000 SWITCHES IN NX-OS MODE V1.0

Course Code: 821400

The Implementing Cisco Nexus 9000 Switches in NX-OS Mode - Advanced (DCNXA) course provides advanced training in applying and managing the Cisco Nexus® 9000 Series Switches in NX-OS mode.

The Cisco® NX-OS platform deploys Virtual Extensible LAN (VXLAN) and Ethernet VPN (EVPN) using Cisco Data Center Network Manager (DCNM), implements Multi-Site VXLAN EVPN, and integrates L4-L7 services into the fabric providing external connectivity, utilizing advanced tenant features. You will also learn how to implement Cisco NX-OS Enhanced Policy-Based Redirect (ePBR) and Intelligent Traffic Director (ITD) features.

What You'll Learn

After completing this course you should be able to:

- Configure VXLAN EVPN in a single site using Cisco DCNM
- Configure a Multi-Site VXLAN EVPN
- Configure L4-L7 service redirection
- Configure external connectivity from a VXLAN EVPN
- Configure tenant-level features and Tenant-Routed Multicast (TRM) in VXLAN EVPN
- Configure Cisco NX-OS Enhanced Policy-Based Redirect (ePBR) and Intelligent Traffic Director (ITD)

Who Needs to Attend

IT professionals interested in understanding the capabilities of Cisco Nexus 9000 Series Switches

Prerequisites

Attendees should meet the following prerequisites:

- Basic knowledge in the following areas can help you get the most from this course:
 - Networking protocols, routing, and switching
 - General Cisco data center technologies
 - Virtualization fundamentals
 - Cisco Nexus platform management

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