

Cisco Nexus Training Content

- **1. Identifying Cisco Nexus Platforms**

- Cisco Nexus 2000, 3000, 5000, 7000 series overview

- **2. Introduction to Data Center Switches & Nexus Platform**

- Routing Overview
- Multicast Routing
- Cisco Nexus Platform Overview
- Cisco Nexus 5k, 7k, and 9k Switches
- Cisco NX-OS Routing and Forwarding
- Unicast and Multicast RIB and FIB

- **3. Overlay Transport Virtualization (OTV)**

- Cisco OTV Overview
- Cisco OTV Control and Data Planes
- OTV Failure Isolation
- Cisco OTV Optimization

- **4. Virtual Extensible LAN (VXLAN)**

- Introduction to VXLAN
- VXLAN Benefits over LAN
- Layer 2 and Layer 3 VXLAN Overlay
- (MP-BGP) Ethernet VPN (EVPN) Control plane
- VXLAN Data Plane

- **5. Cisco Nexus Security Features**

- Access Control Lists (ACL)
- Port Security
- DHCP, ARP, IP Source Guard
- Unicast Reverse-Path Forwarding (RPD)
- Traffic Storm Control
- Control Plane Policing

- **6. Fibre Channel Over Ethernet**

- FCoE Requirements
- Data Center Bridging
- FCoE Addressing Scheme
- FCoE Initialization Protocol
- FCoE Port Types
- Storage Virtual Device Context (VDC)