



Troubleshooting Cisco Data Center Unified Fabric v5.0 (DCUFT)

Course ID#: 1575-916-ZZ-W

Hours: 21

Course Content

Course Description:

In this course, you will cover the key components and procedures needed to troubleshoot and resolve common issues with the Cisco Nexus 7000, 5000, MDS Switches, and the Nexus 2000 Fabric Extenders in the network and SAN environment.

Prerequisites:

- CCNA or CCNP certification
- Experience with Fibre Channel Protocol
- DCUFI - Implementing Cisco Data Center Unified Fabric
- ICSNS - Implementing Cisco Storage Networking Solutions 4.2
- Attendance of Nexus 7000, 5000, and MDS courses
- DCNX5K - Implementing the Cisco Nexus 5000 and 2000 v2.0
- DCNX7K - Configuring Cisco Nexus 7000 Switches v2.0
- ICSNS - Implementing Cisco Storage Networking Solutions 4.2
- DCNX5K - Implementing the Cisco Nexus 5000 and 2000 v2.0
- DCNX7K - Configuring Cisco Nexus 7000 Switches v2.0

Topics:

Module 1: Tools and Methodologies Troubleshooting

- CLI Troubleshooting Tools
- Cisco DCNM Troubleshooting Tools

Module 2: Layer 2 Issues Troubleshooting

- Troubleshooting VLANs and Private VLANs
- Troubleshooting Port Channels and Virtual Port Channels
- Troubleshooting Cisco FabricPath
- Troubleshooting OTV

Module 3: SAN Switching Issues Troubleshooting

- Troubleshooting Fibre Channel Interfaces
- Troubleshooting Fibre Channel Fabric Service
- Troubleshooting NPV Mode

Module 4: FCoE Troubleshooting

- Troubleshooting DCBx

Module 5: Platform Specific Issues Troubleshooting

- Troubleshooting the Cisco Nexus 7000
- Troubleshooting the Cisco Nexus 5000 and 5500 Switches
- Troubleshooting the Cisco Nexus 2000 Fabric Extended