

Troubleshooting Cisco Data Center Infrastructure (DCIT) v7.1

Duration 5 Days

COURSE DESCRIPTION

The Troubleshooting Cisco Data Center Infrastructure (DCIT) training builds your knowledge and skills in troubleshooting LANs, SANs, Cisco Unified Fabric, Cisco Unified Computing System (Cisco UCS), and Cisco Application-Centric Infrastructure (Cisco ACI). You'll gain hands-on experience resolving problems on Cisco Multilayer Director Switch (MDS) switches, Cisco Nexus switches, Cisco Fabric Extenders (FEXs), Cisco UCS, Cisco ACI, and more. This training also earns you 50 Continuing Education (CE) credits towards recertification.

This training helps prepare you to take the exam:

- 300-615 Troubleshooting Cisco Data Center Infrastructure (DCIT)

COURSE OUTLINE

- Section 1: Describing the Troubleshooting Process
- Section 2: Understanding CLI Troubleshooting Tools
- Section 3: Troubleshooting VLANs and PVLANS
- Section 4: Troubleshooting Port Channels and Virtual Port Channels
- Section 5: Troubleshooting VXLAN
- Section 6: Troubleshooting Routing and High-Availability Protocols
- Section 7: Troubleshooting Data Center LAN Security
- Section 8: Troubleshooting Platform-Specific Issues
- Section 9: Troubleshooting Fibre Channel Interfaces
- Section 10: Troubleshooting Fibre Channel Fabric Services
- Section 11: Troubleshooting NPV Mode
- Section 12: Troubleshooting FCoE
- Section 13: Troubleshooting Cisco UCS Architecture and Initialization
- Section 14: Troubleshooting Cisco UCS Configuration
- Section 15: Troubleshooting Cisco UCS B-Series Servers
- Section 16: Troubleshooting Cisco UCS B-Series LAN and SAN Connectivity
- Section 17: Troubleshooting Cisco UCS C-Series Servers
- Section 18: Troubleshooting Cisco UCS C-Series LAN and SAN Connectivity
- Section 19: Troubleshooting Cisco UCS C-Series and Cisco UCS Manager Integration
- Section 20: Exploring the Tools and Methodologies for Troubleshooting Cisco ACI
- Section 21: Troubleshooting Automation and Scripting Tools
- Section 22: Troubleshooting Programmability Describing the Troubleshooting Process

PREREQUISITES

Before taking this offering, you should be able to:

- Configure, secure, and maintain LAN and SAN based on Cisco Nexus and MDS switches
- Configure, secure, and maintain Cisco Unified Computing System
- Configure, secure, and maintain Cisco ACI

WHO SHOULD ATTEND

- Network designers
- Network administrators
- Network engineers
- System engineers
- Data center engineers
- Consulting systems engineers
- Technical solutions architects
- Server administrators
- Network managers
- Cisco integrators and partners