

Troubleshooting the Cisco ACI Fabric v2

What will you learn.

- Discover a new ACI fabric
- Confirm functionality of a fabric
- Apply a basic troubleshooting methodology
- Use CLI troubleshooting tools to discover misconfigurations
- View faults in GUI
- Use Visore to query MOs
- Use common troubleshooting tools to troubleshoot L3 OUT, Contracts, and Faults

Prerequisites

DCICN and DCICT or equivalent

Who Should Attend

- Field engineers
- Support engineers
- Server administrators
- Network administrators
- Storage administrators

Content

Module 1 Deploy the fabric

- Lesson 1: Initializing the ACI environment
- Lesson 2: Confirming functionality

Module 2 Use Visore and other troubleshooting tools

- Lesson 1: Use Visore to query MOs
- Lesson 2: Use GUI troubleshooting tools

Module 3 Verify VLANs

- Lesson 1: Using the APIC GUI to verify VLANs

- Lesson 2: Using the APIC CLI to verify VLANs

Module 4 Verify and track connectivity of fabric end points

- Lesson 1: Using the APIC GUI to verify and track connectivity
- Lesson 2: Using the APIC CLI to verify and track connectivity

Module 5 Troubleshoot

- Lesson 1: Troubleshoot L3 OUT, Routing connectivity
- Lesson 2: Troubleshoot Contracts
- Lesson 3: Review and Document Faults

LABS

Lab 1: Remote Lab Access and Login

Lab 2: Discover the current ACI fabric

Lab 3: Confirm fabric access policies

Lab 4: Using Visore and other troubleshooting tools

Lab 5: Verify VLANs

Lab 6: Verify and track connectivity of fabric end points

Lab 7: Troubleshoot L3 OUT

Lab 8: Troubleshoot contracts

Lab 9: Troubleshoot faults