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**Learning Style: Virtual Classroom**

**Technology: Cisco**

**Difficulty: Intermediate**

**Course Duration: 2 Days**

# Troubleshooting the Cisco ACI Fabric (ACITS)

## About this course:

Classic data centers integrate many different components from many different environments, creating a very complex and decentralized approach to troubleshooting application deployment. Just as ACI allows for centralized management focused on application needs, you can troubleshoot your ACI Fabric from a centralized location with the requirements of the application in mind.  This two-day Cisco ACI training will introduce you to common ACI troubleshooting

practices. You will use the ACI GUI and show commands in the CLI to identify faults in this Cisco ACI troubleshooting course. You will troubleshoot FA policies, app profiles, VMM domains, L3 OUT, and contracts, as well as analyze health scores to determine the current condition of the Fabric. This Cisco ACI troubleshooting training will help you be able to identify faults and determine current condition of faults in order to determine the appropriate next step. Learn more below.

## Course Objective:

Upon completing this course, the learner will be able to meet these overall objectives:

- Troubleshoot interface policies
- Troubleshoot switch profiles
- Troubleshoot VRFs
- Troubleshoot Bridge domains
- Troubleshoot EPGs
- Troubleshoot Vswitch policy
- Troubleshoot VMM domain integrations
- Troubleshoot VLAN pools
- Troubleshoot VM connectivity
- Troubleshoot OSPF interface policy
- Troubleshoot OSPF neighbor relationship
- Troubleshoot Advertising subnets
- Troubleshoot protocol filters
- Troubleshoot contracts between tenants

## Audience:

The primary audience for this course is as follows:

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

## Prerequisite:

The knowledge and skills that the learner should have before attending this course are as follows:

- ICND1: Interconnecting Cisco Networking Devices, Part 1 v3.0 or equivalent experience or knowledge
- Server virtualization knowledge

Suggested Courses:

- ACINTRO: Introduction to Cisco ACI

## Course Outline:

### Lab Outline

- Lab 1: Discovery
- Lab 2: Troubleshoot Fabric Access Policy
- Lab 3: Troubleshoot Application Profile
- Lab 4: Troubleshoot VMM Domains
- Lab 5: Troubleshoot Layer 2 Out
- Lab 6: troubleshoot Layer 3 Out
- Lab 7: Troubleshooting Contracts
- Lab 8: Wrap-Up

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