Troubleshooting Cisco Application Centric Infrastructure (DCACIT) v5.2

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Course Duration

2 days

Course Price

$2,100.00
21 CLCs

Methods of Delivery

In-Person ILT
Virtual ILT
Onsite ILT

About this Class

The Troubleshooting Cisco Application-Centric Infrastructure (DCACIT) v5.2 course teaches you through a combination of lectures and labs the key components and procedures needed to troubleshoot Cisco Nexus 9000 Series Switches in Application-Centric Infrastructure (ACI) mode. This course is for advanced engineers who have installed and managed existing fabrics or for those who have completed the Implementing Cisco Application-Centric Infrastructure-Advanced (DCACI) course.

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How you will benefit

This class will help you:

- Learn how to design policy-driven automation to streamline the deployment lifecycle
- Integrate a comprehensive solution using any hypervisor, supporting any workload, for any location, and in any cloud
- Expand your knowledge of Cisco Nexus 9000 Series Switches

Why Attend with Current Technologies CLC

- Our Instructors are the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

Who Should Attend

The job roles best suited to the material in this course are:

- Network Engineers
- Systems Engineers
- Data Center Engineers
- Consulting Systems Engineers
- Technical Solutions Architects
- Cisco Integrators/Partners
- Field Engineers
- Server Administrators
- Network Managers

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Objectives

After taking this course, you should be able to:

- Apply troubleshooting methodology to Cisco ACI networks
- Troubleshoot logical and physical constructs of the Cisco ACI policy
- Understand Cisco APIC and its troubleshooting aspects
- Troubleshoot endpoint learning in Cisco ACI
- Troubleshoot Layer 2 traffic bridging and Layer 3 routing in the Cisco ACI network
- Troubleshoot hypervisor integration in Cisco ACI
- Troubleshoot Layer 4 to Layer 7 service insertion
- Troubleshoot contracts and route leaking in Cisco ACI

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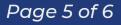
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Course Outline

Module 1: Describing Cisco ACI Troubleshooting Methodology

Module 2: Troubleshooting Logical and Physical Constructs

Module 3: Troubleshooting Cisco APIC

Module 4: Troubleshooting Endpoint Learning

Module 5: Troubleshooting Layer 2

Module 6: Troubleshooting Layer 3 Routing

Module 7: Troubleshooting VMM Integration

Module 8: Troubleshooting Layer 4-7 Service Insertion

Module 9: Troubleshooting Contracts and Route Leaking

Lab Outline

- **Lab 1:** Verify Endpoints

- **Lab 2:** Examine VLANs

- **Lab 3:** Troubleshoot ACI Policy

- **Lab 4:** Troubleshoot CMM integration and External Connectivity

- **Lab 5:** Troubleshoot Contracts