

Troubleshooting Cisco Application Centric Infrastructure (DCACIT)

ID DCACIT Price 2,595.— €(excl. tax) Duration 2 days

Course Overview

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.

This course 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

Who should attend

This course is ideal for developers and engineers including:

- Network engineers
- Systems engineers
- Data center engineers
- Consulting systems engineers
- Technical solutions architects
- Cisco integrators/partners
- Field engineers
- Server administrators
- Network managers

Prerequisites

You should have the following knowledge and skills before attending this course:

- Familiarity with data center infrastructure operations
- Familiarity with management of Cisco data center switches
- Basic programming

- Basic network troubleshooting
- System or network administration (Linux or Windows)
- Data center operations

These are the recommended Cisco offerings that may help you meet these prerequisites:

- [Implementing and Administering Cisco Solutions \(CCNA\) v2.1](#)
- [Understanding Cisco Data Center Foundations \(DCFNDU\)](#)
- [Implementing Cisco Application Centric Infrastructure \(DCACI\)](#)
- [Cisco Application Centric Infrastructure Operations and Troubleshooting \(DCACIO\)](#)

Course 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

Detailed Course Outline

- Describing Cisco ACI Troubleshooting Methodology
- Troubleshooting Logical and Physical Constructs
- Troubleshooting Cisco APIC
- Troubleshooting Endpoint Learning
- Troubleshooting Layer 2
- Troubleshooting Layer 3 Routing
- Troubleshooting VMM Integration
- Troubleshooting Layer 4-7 Service Insertion
- Troubleshooting Contracts and Route Leaking

About Fast Lane



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