

Cisco Application Centric Infrastructure Operations and Troubleshooting (DCACIO)

ID DCACIO **Price 2,995.— €(excl. tax)** **Duration 3 days**

Course Overview

The **Cisco Application Centric Infrastructure Operations and Troubleshooting (DCACIO) v5.2** course shows you how to manage, monitor, and troubleshoot Cisco® Nexus® 9000 Series Switches in Application-Centric Infrastructure (ACI) mode. Through expert instruction and hands-on practice, you will learn about operational tools, best practices, caveats, and practice troubleshooting common issues on a live fabric. Based on lessons learned in wide range of production deployments, this course gives you the real-world knowledge and skills to boost operational efficiencies in your own deployment.

How You'll Benefit

This course will help you:

- Quickly ramp up on Cisco ACI® operational knowledge, skills, and best practices honed from real-world production deployments
- Gain hands-on troubleshooting techniques
- Optimize the benefits of using Cisco ACI, such as streamlined operations

Who should attend

This course is ideal for developers and engineers including:

- Network Engineer
- Systems Engineer
- Data Center Engineer
- Consulting Systems Engineer
- Technical Solutions Architect
- Cisco Integrators/Partners
- Field Engineer
- Server Administrator
- Network Manager

Prerequisites

To fully benefit from this course, you should have the following knowledge and skills:

- Understanding of ACI architecture and concepts need to get an ACI fabric into production
- Familiarity with data center infrastructure operations
- Familiarity with management of Cisco data center switches
- Data center operations

The following course will provide you with the required ACI skills:

- [Implementing and Administering Cisco Solutions \(CCNA\) v2.2](#)
- [Understanding Cisco Data Center Foundations \(DCFNDU\)](#)
- [Implementing Cisco Application Centric Infrastructure \(DCACI\)](#)

Course Objectives

After taking this course, you should be able to:

- Describe the Cisco ACI built-in tools for operating and monitoring the fabric.
- Describe the complex challenges related to monitoring and Cisco tools that address them: Cisco Nexus Dashboard and Cisco Nexus Dashboard Insights.
- Describe fabric installation upgrade, backup, restore, and best practices for Cisco NX-OS-to-ACI migration and Cisco ACI management access.
- Describe the tools and best practices for monitoring ACI fabric.
- Describe best practices for Cisco ACI naming conventions, Day-0 configuration, VMM integration, and Cisco ACI migrations.

Detailed Course Outline

- Describing Cisco ACI Day-0 to Day-2 Operations
- Describing Day-2 Operational Tools
- Describing Cisco ACI Configuration Management
- Describing Cisco ACI Monitoring
- Cisco ACI Best Practices



About Fast Lane



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