

**DCACIT****Troubleshooting Cisco Application Centric Infrastructure**

16 horas

Data Center &amp; Cloud

Cisco

**Cisco Continuing Education Credits****20 CE Credits****INTRODUÇÃO**

The Troubleshooting Cisco Application Centric Infrastructure (DCACIT) v5.2 course teaches you the key components and procedures needed to manage, monitor, and troubleshoot Cisco® Nexus® 9000 Series Switches in Application Centric Infrastructure (ACI) mode, a solution to simplify, optimize, and accelerate infrastructure deployment and governance. 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.

**OBJETIVO DO CURSO**

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.

**PÚBLICO-ALVO**

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

## PRÉ-REQUISITOS

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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.

The following Cisco courses may help you meet these prerequisites:

- Implementing Cisco Application Centric Infrastructure-Advanced (DCACI);
- Cisco Application Centric Infrastructure Operations and Troubleshooting (DCACIO);
- Implementing and Administering Cisco Solutions (CCNA);
- Understanding Cisco Data Center Foundations (DCFNDU).

## CONTEÚDO PROGRAMÁTICO

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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

### Lab outline

Verify Endpoints

Examine VLANs

Troubleshoot ACI Policy

Troubleshoot VMM Integration and External Connectivity

Troubleshoot Contracts