Troubleshooting Cisco Application-Centric Infrastructure (DCACIT)

Category: Networking & Security | **Vendor:** Cisco

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

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

About This Course

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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 & Entry Requirements

General 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)
- Understanding Cisco Data Center Foundations (DCFNDU)
- Implementing Cisco Application Centric Infrastructure (DCACI)
- Cisco Application Centric Infrastructure Operations and Troubleshooting (DCACIO)

Learning Outcomes

Upon successful completion of this course, participants will be able to:

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

Skills You Will Learn:

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Frequently Asked Questions

Q: What delivery options are available for Troubleshooting Cisco Application-Centric Infrastructure (DCACIT)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day Troubleshooting Cisco Application-Centric Infrastructure (DCACIT) course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Troubleshooting Cisco Application-Centric Infrastructure (DCACIT) training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Troubleshooting Cisco Application-Centric Infrastructure (DCACIT)?

Yes, we provide corporate training, dedicated training, and closed classes for Troubleshooting Cisco Application-Centric Infrastructure (DCACIT). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Troubleshooting Cisco Application Centric Infrastructure, ACI, DCACIT

Q: Why choose Nexus Human for Troubleshooting Cisco Application-Centric Infrastructure (DCACIT)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Troubleshooting Cisco Application-Centric Infrastructure (DCACIT) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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