

# Cisco Implementing Cisco Application Centric Infrastructure Advanced v1.2 (DCACIA)

**Duration:** 40.00 hours (5 days)

**32.5 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

The Implementing Cisco Application Centric Infrastructure - Advanced (DCACIA) v1.2 course teaches you how to deploy and manage the Cisco Nexus 9000 Series Switches in Cisco Application Centric Infrastructure (Cisco ACI) mode. You will learn how to configure and manage Cisco Nexus 9000 Series Switches in ACI mode, how to connect the Cisco ACI fabric to external networks and services, and the fundamentals of Virtual Machine Manager (VMM) integration. You will gain hands-on practice implementing key capabilities such as fabric discovery, policies, connectivity, VMM integration, and more. This course earns you 40 Continuing Education (CE) credits towards recertification. This course helps prepare you for the following exam: 300-630 Implementing Cisco Application Centric Infrastructure - Advanced (DCACIA). This course will help you: Gain the skills and hands-on practice integrating the enhanced, automated capabilities of Cisco Nexus 9000 Series Switches in ACI mode for quicker application deployment. Get the knowledge for protocols, solutions and designs to acquire professional-level and expert-level data center job roles. Earn 40 CE credits toward recertification. The 300-630 DCACIA exam certifies your knowledge of working with Cisco switches in ACI mode including configuration, implementation, and management. After you pass 300-630 DCACIA, you earn the Cisco Certified Specialist ACI Advanced Implementation certification and you satisfy the concentration exam requirement for the CCNP Data Center certification.

## About This Course

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The Implementing Cisco Application Centric Infrastructure - Advanced (DCACIA) v1.2 course teaches you how to deploy and manage the Cisco Nexus 9000 Series Switches in Cisco Application Centric Infrastructure (Cisco ACI) mode. You will learn how to configure and manage Cisco Nexus 9000 Series Switches in ACI mode, how to connect the Cisco ACI fabric to external networks and services, and the fundamentals of Virtual Machine Manager (VMM) integration. You will gain hands-on practice implementing key capabilities such as fabric discovery, policies, connectivity, VMM integration, and more. This course earns you 40 Continuing Education (CE) credits towards recertification. This course helps prepare you for the following exam: 300-630 Implementing Cisco Application Centric Infrastructure - Advanced (DCACIA). This course will help you: Gain the skills and hands-on practice integrating the enhanced, automated capabilities of Cisco Nexus 9000 Series Switches in ACI mode for quicker application deployment. Get the knowledge for protocols, solutions and designs to acquire professional-level and expert-level data center job roles. Earn 40 CE credits toward recertification. The 300-630 DCACIA exam certifies your knowledge of working with Cisco switches in ACI mode including configuration, implementation, and management. After you pass 300-630 DCACIA, you earn the Cisco Certified Specialist ACI Advanced Implementation certification and you satisfy the concentration exam requirement for the CCNP Data Center certification.

## Who Should Attend

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This course is designed primarily for network and software engineers who are interested in learning about automation and programmability and hold the following job roles:

Network Designers

Network Administrators

Network Engineers

Systems Engineers

Data Center Engineers

Consulting Systems Engineers

Technical Solutions Architects

Cisco Integrators/Partners

Field Engineers

Server Administrators

Network Managers

Storage Administrators

Cisco Integrators and Partners

# Learning Outcomes

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

After completing the course, you should be able to:

Describe Cisco ACI Fabric Infrastructure and basic Cisco ACI concepts

Describe Cisco ACI policy model logical constructs

Describe Cisco ACI basic packet forwarding

Describe external network connectivity

Describe VMM Integration

Describe Layer 4 to Layer 7 integrations

Explain Cisco ACI management features

## Additional Course Details

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Nexus Humans Cisco Implementing Cisco Application Centric Infrastructure?Advanced v1.2 (DCACIA) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Cisco Implementing Cisco Application Centric Infrastructure?Advanced v1.2 (DCACIA) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

# Frequently Asked Questions

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## **Q: What delivery options are available for Cisco Implementing Cisco Application Centric InfrastructureAdvanced v1.2 (DCACIA)?**

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
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## **Q: How many CPD hours does this course provide?**

The 5-day Cisco Implementing Cisco Application Centric InfrastructureAdvanced v1.2 (DCACIA) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the Cisco Implementing Cisco Application Centric InfrastructureAdvanced v1.2 (DCACIA) training?**

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for Cisco Implementing Cisco Application Centric InfrastructureAdvanced v1.2 (DCACIA)?**

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Implementing Cisco Application Centric InfrastructureAdvanced v1.2 (DCACIA). 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.

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## Q: Why choose Nexus Human for Cisco Implementing Cisco Application Centric InfrastructureAdvanced v1.2 (DCACIA)?

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

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## Q: Are there any discount codes available?

Yes! Use discount code **PENPALS** when booking your Cisco Implementing Cisco Application Centric InfrastructureAdvanced v1.2 (DCACIA) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

# Nexus Human

## Professional Training & Development

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