

Cisco Designing Cisco Application Centric Infrastructure v1.0 (DCACID)

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 Designing Cisco Application Centric Infrastructure (DCACID) v1.0 is a 5-day product training course that provides you with the knowledge and skills to understand and utilize a programmable fabric design built on Cisco Nexus® 9000 Series Switches in Application-Centric Infrastructure (ACI) mode. This course is a deep dive into Cisco ACI design, covering design considerations and best practices, so you can build solid ACI solutions and avoid common mistakes that can impact the network infrastructure. With a focus on various design use cases, this course provides information that can help you practice design decisions, validate your designs, and apply best practices while using Cisco ACI in your multiservice or cloud data centers.

About This Course

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Who Should Attend

This course is designed for the following roles:

Network designer

Network engineer

Systems engineer

Data center engineer

Consulting systems engineer

Technical solutions architect

Cisco integrators/partners

Learning Outcomes

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

After taking this course, you should be able to:

Design Cisco ACI access policies according to best practices

Use fabric system settings

Design Cisco ACI logical components

Design the migration of IP and logical components from an existing data center to Cisco ACI

Design Cisco ACI physical structure

Migrate existing data center connectivity and physical components from an existing environment to Cisco ACI

Design Cisco ACI external Layer 3 connectivity and Cisco ACI Layer 4–7 service insertion, including PBR-based service redirection

Design the L4-L7 service insertion in single-pod Cisco ACI, by evaluating the available options and choosing the optimal connectivity flow

Design L4-L7 service insertion in Cisco ACI Multi-Pod

Design a transit routing solution

Design service sharing using vzAny

Build a migration plan for Layer 2 and Layer 3 connectivity, including L3Outs and contracts

Migrate vSphere compute environment to Cisco ACI

Design QoS for interpod and intersite networks

Design the DHCP Relay feature, SPAN feature, Port Tracking feature, Import/Export policies, and Snapshot/Rollback feature

Additional Course Details

Nexus Humans Cisco Designing Cisco Application Centric Infrastructure v1.0 (DCACID) 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 Designing Cisco Application Centric Infrastructure v1.0 (DCACID) 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

Q: What delivery options are available for Cisco Designing Cisco Application Centric Infrastructure v1.0 (DCACID)?

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 Designing Cisco Application Centric Infrastructure v1.0 (DCACID) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Cisco Designing Cisco Application Centric Infrastructure v1.0 (DCACID) training?

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

Q: Do you provide corporate training for Cisco Designing Cisco Application Centric Infrastructure v1.0 (DCACID)?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Designing Cisco Application Centric Infrastructure v1.0 (DCACID). 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: Why choose Nexus Human for Cisco Designing Cisco Application Centric Infrastructure v1.0 (DCACID)?

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 **PENPALS** when booking your Cisco Designing Cisco Application Centric Infrastructure v1.0 (DCACID) 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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