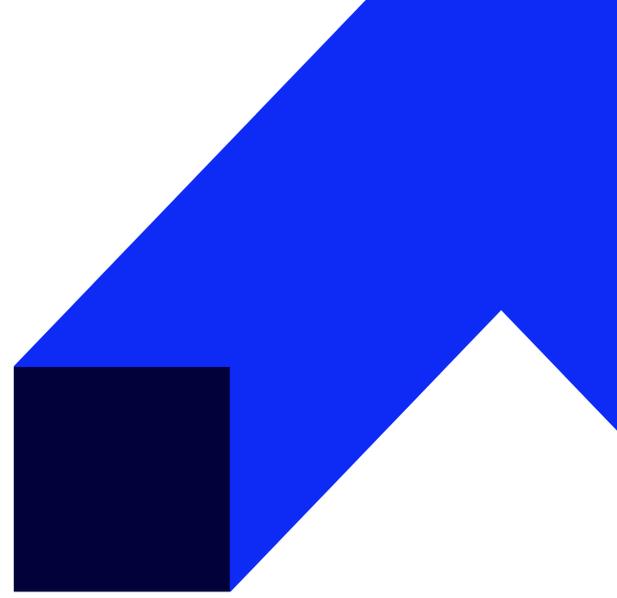# Active Digital Learning - Implementing Cisco Application Centric Infrastructure–Advanced v1.2

Cisco - On Demand E-Learning

The Implementing Cisco Application Centric Infrastructure - Advanced (DCACIA) v1.2 course shows you how to implement and use the advance features of the Cisco Nexus 9000 Series Switches in Cisco Application Centric Infrastructure (Cisco ACI) mode.

The course gives you the knowledge and skills to understand, configure, and manage Cisco Nexus 9000 Series Switches in ACI mode, to implement traditional networks in Cisco ACI, and to implement Cisco ACI Multi-Pod and Multi-Site deployments. You will gain hands-on practice implementing advanced ACI capabilities such as Rogue Endpoint Feature, Transit Routing, VRF Route Leaking, Contracts and Zoning Rules, Policy Based Redirect to Layer 4-7 Service Node, Multi-Pod Fabric and Cisco ACI Multi-Site Orchestrator.

Access Duration: 180 days

Continuing Education Credits: 40

Training recipients

- Network designer
- Network administrator
- Network engineer

- Systems engineer
- Data center engineer
- Consulting systems engineer
- Technical solutions architect
- Field engineer
- Server administrator
- Network manager
- Storage administrator
- Cisco integrators and partners

Benefits

This course will help you:
- Learn best practices for implementing and managing Cisco Nexus 9000 Series Switches in Cisco ACI mode
- Leverage the integration software and hardware solutions to expand the capabilities of data center and cloud networks
- Maximize the benefits of an application-centric approach to deliver automation and flexibility in IT services, and automate fabric deployment and configuration
- Prepare for 300-630 DCACIA exam which counts toward the CCNP Data Center certificationNetwork designer

Training program

- Explain Cisco ACI advanced fabric packet forwarding
- Explain advanced ACI policy and tenant configuration
- Describe Cisco ACI Multi-Pod deployment
- Explain the details and consideration of implementing and integrating traditional network with Cisco ACI
- Describe Cisco ACI Service Graph Policy-Based Routing (PBR)
- Describe Cisco ACI Multi-Site deployment

Expected preparation of the participant

To fully benefit from this course, you should have the following knowledge and skills:
- Basic understanding of Cisco ACI

- Understanding of Cisco data center architecture
- Familiarity with virtualization fundamentals

These are the recommended Cisco learning offerings that may help you meet these prerequisites:

- Implementing Cisco Application Centric Infrastructure (DCACI)
- Implementing and Administering Cisco Solutions (CCNA)
- Understanding Cisco Data Center Foundations (DCFNDU)

Training Includes

- Labs
- Self-Paced Training
- Video Training

Duration

1 days / 1 hours

Language

Language: English
Materials: English