

# Designing Cisco Application Centric Infrastructure (DCACID)

**Duration: 5 Days****Prerequisites:**

Before taking this course, you should have:

- Familiarity with Cisco Application Centric Infrastructure implementations
- Familiarity with data center infrastructure operations
- Familiarity with the management of Cisco data center switches
- Familiarity with virtualization fundamentals

These recommended Cisco learning offerings may help students meet these prerequisites:

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

**Course Description:**

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.

**Target Audience:**

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

**Course Outlines:**

- Designing Access Policies
- Using Fabric System Settings
- Designing Logical Components
- Use Case: Migration of IP and Logical Structure
- Designing Physical Structure
- Use Case: Migration of Connectivity and Physical Components
- Designing L3Outs and Service Insertion
- Use Case: Service Insertion in Single Pod
- Use Case: Service Insertion in Cisco ACI Multi-Pod
- Use Case: L3Out Transit Routing
- Use Case: Shared Services vzAny and Endpoint Security Groups
- Use Case: Migration of Layer 2 and Layer 3 Connectivity
- Use Case: VMware Data Center Migration to Cisco ACI
- Use Case: IPN and ISN QoS
- Use Case: DHCP Relay and SPAN

**REGISTER NOW!**

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