# Implementing Cisco Application Centric Infrastructure - Advanced (DCACIA) Training

BILGINÇ
IT Academy
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Duration: **5 Day**

This course teaches you how to deploy and manage Cisco Nexus 9000 Series Switches in Cisco Application Centric Infrastructure (ACI) mode. You will learn to configure and manage these switches, connect the Cisco ACI fabric to external networks and services, and understand the fundamentals of Virtual Machine Manager (VMM) integration. The course provides hands-on practice with fabric discovery, policies, connectivity, and VMM integration.

## Prerequisites

To fully benefit from this course, you should have the following knowledge and skills:

- Understanding of networking protocols, routing, and switching
- Familiarity with Cisco Ethernet switching products
- 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 and Administering Cisco Solutions (CCNA)
- Understanding Cisco Data Center Foundations (DCFNDU)

### Target audience

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

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## What You Will Learn

Delegates will learn how 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