Implementing Cisco Application Centric Infrastructure

Course code: DCACI

The Implementing Cisco Application Centric Infrastructure (DCACI) v1.0 course show you how to deploy and manage the Cisco® Nexus® 9000 Series Switches in Cisco Application Centric Infrastructure (Cisco ACI®) mode. The course gives you the knowledge and skills 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 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.

Affiliate	Duration	Course price	ITB
Praha	5	79 900 Kč	0
Bratislava	5	3 200 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
09.03.2026	5	79 900 Kč	Presence	CZ/SK	ALEF NULA
16.03.2026	5	79 900 Kč	Online	EN	ALEF NULA - Online
07.09.2026	5	79 900 Kč	Presence	CZ/SK	ALEF NULA
02.11.2026	5	79 900 Kč	Presence	CZ/SK	ALEF NULA

The prices are without VAT.

Who is the course for

This course helps you prepare to take the exam, Implementing Cisco Application Centric Infrastructure (300-620

DCACI), which leads to CCNP® Data Center and Cisco Certified Specialist – Data Center ACI Implementation

certifications.

Required skills

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

Course outline

Introducing Cisco ACI Fabric Infrastructure and Basic Concepts
- What Is Cisco ACI?
- Cisco ACI Topology and Hardware
- Cisco ACI Object Model
- Faults, Event Record, and Audit Log
- Cisco ACI Fabric Discovery
- Cisco ACI Access Policies

Describing Cisco ACI Policy Model Logical Constructs
- Cisco ACI Logical Constructs
- Tenant
- Virtual Routing and Forwarding
- Bridge Domain

GOPAS®

- Endpoint Group
- Application Profile
- Tenant Components Review
- Adding Bare-Metal Servers to Endpoint Groups
- Contracts

Describing Cisco ACI Basic Packet Forwarding

- Endpoint Learning
- Basic Bridge Domain Configuration Knob

Introducing External Network Connectivity

- Cisco ACI External Connectivity Options
- External Layer 2 Network Connectivity
- External Layer 3 Network Connectivity

Introducing VMM Integration

- VMware vCenter VDS Integration
- Resolution Immediacy in VMM
- Alternative VMM Integrations

Describing Layer 4 to Layer 7 Integrations

- Service Appliance Insertion Without ACI L4-L7 Service Graph
- Service Appliance Insertion via ACI L4-L7 Service Graph
- Service Graph Configuration Workflow
- Service Graph PBR Introduction

Explaining Cisco ACI Management

- Out-of-Band Management
- In-Band Management
- Syslog
- Simple Network Management Protocol
- Configuration Backup
- Authentication, Authorization, and Accounting
- Role-Based Access Control
- Cisco ACI Upgrade
- Collect Tech Support