Implementing Cisco Application Centric Infrastructure – Advanced (DCACIA)

Description

Advanced training on Cisco ACI infrastructure

The Implementing Cisco Application Centric Infrastructure – Advanced (DCACIA) training is designed for network professionals looking to master advanced skills in Cisco ACI infrastructure. This hands-on course will teach you how to deploy and manage Cisco Nexus 9000 switches in ACI mode, integrate external networks, and optimize Virtual Machine Manager (VMM) integration. Through practical sessions, you will discover best practices for policy configuration, connectivity management, and more. Whether you are a network engineer, architect, or system administrator, this course will quickly help you develop skills in managing ACI.

Gain expertise in Cisco ACI networks

By taking this course, you will acquire essential skills to handle complex data center environments with advanced management of Layer 4 to Layer 7 network services. This training will help you better understand how Cisco ACI integrates with VMware vCenter and other network solutions. Benefit from a quality course to earn up to 40 Continuing Education (CE) credits and prepare for the 300-630 exam.

Niveau
Intermédiaire
Course Content
Module 1: Introduction to Cisco ACI Fabric Infrastructure

- What is Cisco ACI?
- Cisco ACI topology and hardware
- Cisco ACI policy model and logical constructs

Module 2: ACI packet forwarding concepts

- Endpoint learning
- Basic bridge domain configuration

Module 3: External network connectivity

- Cisco ACI external connectivity options
- External Layer 2 network connectivity

Module 4: VMM integration

- VMware vCenter VDS integration
- Resolution immediacy in VMM

Module 5: Layer 4 to 7 integrations

- Service appliance insertion without ACI L4-L7 service graph
- Service appliance insertion via ACI L4-L7 service graph

Module 6: Cisco ACI management

- Out-of-band management
- In-band management

Documentation

- Digital course material included

Exam

- This course prepares you to the 300-630 Implementing Cisco Application Centric Infrastructure - Advanced exam. If you wish to take this exam, please contact our secretariat who will let you know the cost of the exam and will take care of all the necessary administrative procedures for you.

Participant profiles

- Network engineers
- Network architects
- System administrators
- Data center engineers
- Cisco system consultants
- Server administrators

Prerequisites

- Knowledge of networking protocols, routing, and switching
- Familiarity with Cisco Ethernet switching products
- Understanding of Cisco data center architecture
- Basic virtualization knowledge

Objectives

- Master Cisco ACI infrastructure
- Configure and manage Nexus 9000 switches in ACI mode
- Deploy Cisco ACI policies
- Connect ACI to external networks
- Integrate VMM with Cisco ACI
- Manage Layer 4 to Layer 7 network services

Description
Implementing Cisco Application Centric Infrastructure - Advanced (DCACIA) Training
Classroom Registration Price (CHF)

4350
Virtual Classroom Registration Price (CHF)
4350
Duration (in Days)
5
Reference
DCACIA