ITTcert
BY ORSYS

Course : Implementing Cisco Application Centric Infrastructure (DCACI) v1.2

Official course, exam preparation 300-620 DCACI

Practical course - 5d - 35h00 - Ref. CAJ
Price : 4250 € E.T.

With this training course, you will implement and manage Cisco Nexus 9000 Series switches in Cisco Application Centric Infrastructure (ACI) mode. Over 5 days, this intensive laboratory training course enables you to understand, configure and administer these switches in ACI mode, connect the ACI fabric to external networks and services, and learn the basics of integration with a Virtual Machine Manager (VMM).

Teaching objectives

At the end of the training, the participant will be able to:

- Describe the Cisco ACI infrastructure and basic Cisco ACI concepts
- Describe the logical constructs of the Cisco ACI policy model
- Describe basic Cisco ACI packet forwarding
- Describe external network connectivity
- Describe VMM integration
- Describe Layer 4 to Layer 7 integrations
- Explain Cisco ACI management features

Intended audience
Network/system engineers and admins, architects, Cisco integrators, server/storage admins, network managers, project and program managers.

Prerequisites
Knowledge of network protocols, routing, switching, Cisco switches, data center architecture and virtualization basics. Recommended prerequisites: CCNA and/or DCFNDU training.

Practical details
Teaching methods
Training in French. Official course material in English.

TRAINER QUALIFICATIONS
The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

Course schedule

1 Official program

- Introduction to the Cisco ACI Fabric infrastructure and basic concepts.
- Description of the logical constructs of the Cisco ACI policy model.
- Description of basic packet forwarding in Cisco ACI.
- Introducing connectivity to external networks.
- VMM integration overview.
- Description of layer 4 to 7 integrations.
- Cisco ACI management explained.

2 Official practical work

- Validate the discovery of the fabric.
- Configure NTP.
- Create access policies and a vPC.
- Enable Layer 2 connectivity in the same EPG.
- Enable Layer 2 connectivity between EPGs.
- Enable Layer 3 connectivity between EPGs.
- Compare traffic transfer methods in a Bridge Domain.
- Set up an external Layer 2 connection.
- Set up an external Layer 3 connection (L3Out).
- Integrate Cisco APIC with VMware vCenter via VMware VDS.

Options

Certification : 350 € HT

To obtain Cisco Certified Network Professional Data Center (CCNP Data Center) certification, you need to pass exam 350-601 DCCOR, as well as one of the following exams (your choice): 300-610 DCID, 300-615 DCIT or 300-620 DCACI. [Comment passer votre examen ?](#)

The certification option comes in the form of a voucher or invitation that will allow you to take the exam at the end of the training course.

Dates and locations

REMOTE CLASS
2026 : 16 Mar., 8 June, 21 Sep., 30 Nov.