

# Cisco Nexus 9300/9500 and Application Centric Infrastructure

Course code: DC-N92

This instructor-led training is designed for technical professionals who have responsibilities installing, configuring, and operating Cisco Nexus 9500/9300 in ACI mode.

| Affiliate  | Duration | Course price | ITB |
|------------|----------|--------------|-----|
| Praha      | 3        | 65 900 Kč    | 0   |
| Brno       | 3        | 65 900 Kč    | 0   |
| Bratislava | 3        | 2 730 €      | 0   |

The prices are without VAT.

## Course terms

| Date | Duration | Course price | Type | Course language | Location |
|------|----------|--------------|------|-----------------|----------|
|------|----------|--------------|------|-----------------|----------|

The prices are without VAT.

## What we teach you

- to understand of Nexus 9500/9300/2000 hardware and architecture
- to describe and understand the basic functionality of ACI
- to understand the basic setup of APIC controller
- to understand the fundamentals of service creation using APIC controller
- to be able to troubleshoot ACI fabric

## Required skills

Basic Internetworking knowledge, OSI model, TCP/IP protocol, Ethernet and configuration of Cisco routers covered for example in ICND1, ICND2 trainings. Basic knowledge of virtualization platforms.

## Course outline

- Cisco Nexus Family overview
- ACI fabric Design
- Cisco Nexus 9500 HW overview and architecture
- Cisco Nexus 9300 HW overview and architecture
- Cisco APIC overview
- Licensing Cisco Nexus 9000
- APIC controller basic setup
- Integrating APIC and virtualization platform
- Policy based model
- Configuring EPG, BD, service-contract
- Configuring L4-L7 services
- Connecting ACI to an external L2/L3 network
- firmware management
- ACI Troubleshooting

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