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.

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 abled 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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