Cisco Data Center Nexus Dashboard Essentials (DCNDE)

ID DCNDE **Price** on request **Duration** 5 days

Who should attend

- Systems Engineers
- Implementation Engineers
- Consulting Engineers
- Data Center Network Administrators
- Data Center Network Operators
- Data Center Architects
- Personnel seeking professional- or expert-level data center roles

Prerequisites

There are no formal prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are:

- Understanding of Cisco routing and switching in a data center
- Familiarity with data center network management and operation
- Basic understanding of VXLAN EVPN concepts

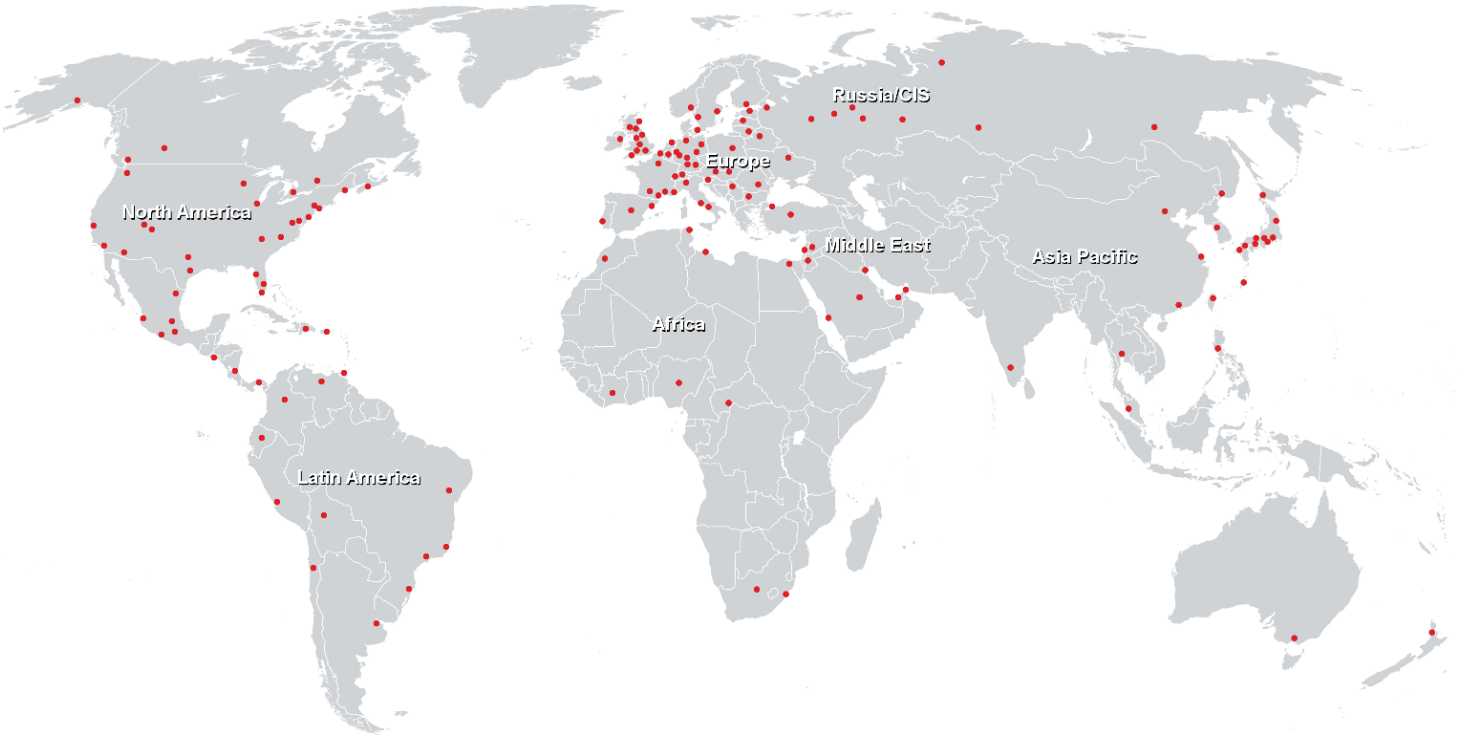
These skills can be found in the following Cisco Learning Offerings:

- Implementing and Administering Cisco Solutions (CCNA)
- Implementing and Operating Cisco Data Center Core Technologies (DCCOR)

Course Objectives

- Install Cisco Nexus Dashboard on physical nodes
- Install Cisco Nexus Dashboard on a virtualization platform (VMware ESXi and KVM)
- Install Cisco Nexus Dashboard on Amazon Web Services (AWS)
- Describe the steps needed to fully bring up a Cisco Nexus Dashboard cluster
- Describe licensing of Cisco Nexus Dashboard and fabrics
- Describe the sizing considerations for Cisco Nexus Dashboard clusters
- Describe the capabilities of Cisco Nexus Dashboard to provision, manage, and analyze network infrastructure (Day 1 and Day 2 functions)
- List the major changes between Cisco Nexus Dashboard releases 3.2 and 4.2
- Review the Cisco Nexus Dashboard graphical user interface
- Configure users, roles, role-based access control (RBAC), and remote authentication
- Describe resource monitoring and reporting in Cisco Nexus Dashboard
- Perform common administration tasks, including creating a technical support bundle and using unified backup
- Describe firmware management for Cisco Nexus Dashboard and switches, and the migration from release 3.2 to 4.2
- Describe the fabric creation process in Cisco Nexus Dashboard
- Create VRFs and networks in a fabric
- Attach endpoints to access and trunk ports, including multi-attach
- Describe the use of templates and policies
- Describe the use of freeform policies
- Review automation options, including the REST API, Ansible, and the Network as Code framework
- Automate switch discovery and onboarding using Power-On Auto Provisioning (POAP)

Training Centres worldwide





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