



## Cisco Data Center Nexus Dashboard Essentials (DCNDE)

### Description

#### Discover the essentials of the Cisco Data Center Nexus Dashboard (DCNDE)

The Cisco Data Center Nexus Dashboard Essentials (DCNDE) course guides you through the fundamentals of managing your data center infrastructures. This course is designed to provide you with the necessary skills to plan, implement, manage, and monitor your infrastructure using the Cisco Nexus Dashboard platform. You will learn to configure, monitor, and troubleshoot this platform while optimizing the operation of your data centers. Through a practical and clear approach, you will master the various features of the platform, whether it is license management, remote authentication, or resource monitoring.

#### A practical and effective learning experience

By participating in this training, you will explore in detail the components of the Cisco Nexus Dashboard, from its graphical interface to fabric controllers. This course also offers an introduction to the NDFC fabric controller, essential for managing your VXLAN EVPN networks. With this comprehensive approach, you will be able to efficiently manage your network infrastructures while taking advantage of the advanced features offered by the Cisco Nexus Dashboard.

#### Course Content

- Cisco Nexus Dashboard Platforms
- Cisco Nexus Dashboard Licensing Options
- Cisco Nexus Dashboard Cluster Connectivity
- Cisco Nexus Dashboard GUI Overview
- Cisco Nexus Dashboard Software Stack
- Cisco Nexus Dashboard Installation Procedures
- Cisco Nexus Dashboard Firmware Upgrades
- Application Installation on Cisco Nexus Dashboard
- Cisco Nexus Dashboard Roles and Permissions
- Cisco Nexus Dashboard Remote Authentication
- Cisco Nexus Dashboard Resource Monitoring
- Cisco Nexus Dashboard Tech Support and Troubleshooting
- Add Sites to Cisco Nexus Dashboard
- Explore Cisco Nexus Dashboard

- Cisco Nexus Dashboard Fabric Controller Overview
- Cisco Nexus Dashboard Fabric Controller Dashboards
- Data Center Exploration with Cisco NDFC Topology
- Cisco NDFC Customizable Templates
- Image Management Using Cisco NDFC
- License Management Using Cisco NDFC
- Enhanced RBAC for Fabric Objects
- Explore Cisco Nexus Dashboard Fabric Controller
- Manage the Network with Cisco NDFC
- Deploying Cisco Nexus Dashboard Fabric Controller
- Discovering Network Devices with Cisco NDFC
- Deploy VXLAN EVPN with Cisco NDFC
- Managing and Monitoring the Data Center with Cisco NDFC
- Cisco Nexus Dashboard Fabric Controller REST API
- Cisco Data Center Network Manager to Cisco NDFC Migration
- Configure and Execute Cisco NDFC POAP
- Configure VXLAN with a BGP Control Plane

## **Lab / Exercises**

- Connect Sites to Cisco Nexus Dashboard
- Explore Cisco Nexus Dashboard
- Explore Cisco Nexus Dashboard Fabric Controller
- Manage the Network with Cisco NDFC
- Configure and Execute Cisco NDFC POAP
- Configure VXLAN with a BGP Control Plane

## **Documentation**

- Digital course support included

## **Participant profiles**

- Network administrators
- Data center engineers
- IT infrastructure management professionals
- Network architects

## **Prerequisites**

- Basic knowledge of networks and data center infrastructures
- Previous experience with network management solutions
- Understanding of license management and access control concepts
- Basic understanding of network topologies (VXLAN, EVPN)

## **Objectives**

- Explore the Cisco Nexus Dashboard platform
- Install and configure applications on Cisco Nexus Dashboard
- Upgrade the firmware of Cisco Nexus Dashboard
- Manage remote authentication
- Monitor the platform's resources
- Understand Cisco Nexus Dashboard Fabric Controller (NDFC)

## **Description**

Cisco Data Center Nexus Dashboard Essentials (DCNDE) Training

**Niveau**

Intermédiaire

**Classroom Registration Price (CHF)**

4350

**Virtual Classroom Registration Price (CHF)**

4350

**Duration (in Days)**

5

**Reference**

DCNDE