
Cisco Data Center Nexus Dashboard Essentials v1.0 (DCNDE)

***WHERE GREAT TRAINING
HAPPENS EVERYDAY!***

Cisco Data Center Nexus Dashboard Essentials v1.0 (DCNDE)

Course Duration

5 Days

Course Price

\$4,395.00
44 CLCs

Methods of Delivery

In-Person ILT
Virtual ILT
Onsite ILT

About this Class

The Cisco Data Center Nexus Dashboard Essentials training teaches you how to plan, implement, manage, operate, monitor, and troubleshoot the infrastructure of your data centers using the Cisco Nexus Dashboard platform. The goal of this training is to provide fundamental knowledge for the Cisco Nexus Dashboard platform. It discusses the components and the structure of the platform, as well as how to plan for the installment and deployment, looking at the physical and virtual resource requirements, licensing, connectivity, cluster size, and software stack. Additionally, you will be acquainted with the Graphical User Interface (GUI) and the different functions to create and manage sites in the Cisco Nexus Dashboard. You will learn how to monitor, troubleshoot, and administer the platform, covering the authentication and authorization of the administrators' access.

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How you will benefit

This class will help you:

- Gain the needed skills to utilize the Cisco Nexus Dashboard platform
- Boost knowledge for protocols, solutions, and designs to acquire professional-level and expert-level data center roles
- Earn 26 CE credits toward recertification

Why Attend with Current Technologies CLC

- Our Instructors are the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

Who Should Attend

The job roles best suited to the material in this course are:

- Personnel seeking professional- or expert-level data center roles

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Objectives

After taking this course, you should be able to:

- Explore the Cisco Nexus Dashboard platform
- Explain Cisco Nexus Dashboard licensing options, cluster connectivity, GUI, software stack, roles, permissions, tech support, troubleshooting, and installation procedure for adding applications
- Perform Cisco Nexus Dashboard firmware upgrades
- Configure Cisco Nexus Dashboard remote authentication
- Monitor Cisco Nexus Dashboard resources
- Describe Cisco Nexus Dashboard Fabric Controller (NDFC) and its dashboards
- Explore the Data Center with Cisco NDFC topology, including customizable templates, deployment, existing network devices, Virtual eXtensible Local Area Network (VXLAN) Ethernet Virtual Private Network (EVPN), Representational State Transfer (REST) Application Program Interface (API), migration, and image, license, and network management
- Describe enhanced Role-Based Access Control (RBAC) for fabric objects

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Course Outline

- Module 1:** Cisco Nexus Dashboard Platforms
- Module 2:** Cisco Nexus Dashboard Licensing Options
- Module 3:** Cisco Nexus Dashboard Cluster Connectivity
- Module 4:** Cisco Nexus Dashboard GUI Overview
- Module 5:** Cisco Nexus Dashboard Software Stack
- Module 6:** Cisco Nexus Dashboard Installation Procedures
- Module 7:** Cisco Nexus Dashboard Firmware Upgrades
- Module 8:** Application Installation on Cisco Nexus Dashboard
- Module 9:** Cisco Nexus Dashboard Roles and Permissions
- Module 10:** Cisco Nexus Dashboard Remote Authentication
- Module 11:** Cisco Nexus Dashboard Resource Monitoring
- Module 12:** Cisco Nexus Dashboard Tech Support and Troubleshooting
- Module 13:** Add Sites to Cisco Nexus Dashboard
- Module 14:** Explore Cisco Nexus Dashboard
- Module 15:** Cisco Nexus Dashboard Fabric Controller Overview
- Module 16:** Cisco Nexus Dashboard Fabric Controller Dashboards
- Module 17:** Data Center Exploration with Cisco NDFC Topology
- Module 18:** Cisco NDFC Customizable Templates
- Module 19:** Image Management Using Cisco NDFC

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Module 20: License Management Using Cisco NDFC

Module 21: Enhanced RBAC for Fabric Objects

Module 22: Explore Cisco Nexus Dashboard Fabric Controller

Module 23: Manage the Network with Cisco NDFC

Module 24: Deploying Cisco Nexus Dashboard Fabric Controller

Module 25: Discovering Network Devices with Cisco NDFC

Module 26: Deploy VXLAN EVPN with Cisco NDFC

Module 27: Managing and Monitoring the Data Center with Cisco NDFC

Module 28: Cisco Nexus Dashboard Fabric Controller REST API

Module 29: Cisco Data Center Network Manager to Cisco NDFC Migration

Module 30: Configure and Execute Cisco NDFC POAP

Module 31: Configure VXLAN with a BGP Control Plane

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Lab Outline

- **Lab 1:** Connect Sites to Cisco Nexus Dashboard
- **Lab 2:** Explore Cisco Nexus Dashboard
- **Lab 3:** Explore Cisco Nexus Dashboard Fabric Controller
- **Lab 4:** Manage the Network with Cisco NDFC
- **Lab 5:** Configure and Execute Cisco NDFC POAP
- **Lab 6:** Configure VXLAN with a BGP Control Plane