

Course : Cisco Data Center Nexus Dashboard Essentials (DCNDE)

Master the essential features of Cisco Nexus Dashboard

Practical course - 5d - 35h00 - Ref. NXN

Price : 4240 € E.T.

NEW

With this training course, you'll acquire the skills you need to plan, deploy, administer and troubleshoot your data centers using Cisco Nexus Dashboard. You'll learn about the fundamentals of the platform, its graphical user interface (GUI), and its main features: site management, authentication, resource monitoring and centralized administration.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Explore the Cisco Nexus Dashboard platform
- ✓ Explain licenses, connections, GUI, roles, support, troubleshooting and adding applications
- ✓ Updating Cisco Nexus Dashboard firmware
- ✓ Configure remote authentication on Cisco Nexus Dashboard
- ✓ Monitoring Cisco Nexus Dashboard resources
- ✓ Describe Cisco NDFC and its dashboards
- ✓ Explore NDFC topology: models, deployment, network devices, VXLAN, EVPN, REST API, migration, management
- ✓ Describe advanced access control (RBAC) for fabric objects

Intended audience

Anyone wishing to take on advanced or expert technical roles in a data center environment.

Prerequisites

No special knowledge required.

Certification

Official course without certification.

[Comment passer votre examen ?](#)

PARTICIPANTS

Anyone wishing to take on advanced or expert technical roles in a data center environment.

PREREQUISITES

No special knowledge required.

TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

ASSESSMENT TERMS

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

Practical details

Teaching methods

Training in French. Official course material in English.

Course schedule

1 Official program

- Cisco Nexus Dashboard platforms.
- Cisco Nexus Dashboard license options.
- Cisco Nexus Dashboard cluster connectivity.
- Overview of the Cisco Nexus Dashboard graphical user interface (GUI).
- Cisco Nexus Dashboard software stack.
- Cisco Nexus Dashboard installation procedures.
- Cisco Nexus Dashboard firmware updates.
- Installing applications on Cisco Nexus Dashboard.
- Roles and authorizations in Cisco Nexus Dashboard.
- Remote authentication on Cisco Nexus Dashboard.
- Resource monitoring in Cisco Nexus Dashboard.
- Technical support and troubleshooting on Cisco Nexus Dashboard.
- Add sites to Cisco Nexus Dashboard.
- Discover Cisco Nexus Dashboard.
- Introducing the Fabric Controller in the Cisco Nexus Dashboard.
- Fabric Controller dashboards in Cisco Nexus Dashboard.
- Exploring the data center with Cisco NDFC topology.
- Customizable templates with Cisco NDFC.
- Image management with Cisco NDFC.
- License management with Cisco NDFC.
- Advanced RBAC for fabric objects.
- Discover the Fabric Controller in the Cisco Nexus Dashboard.
- Network management with Cisco NDFC.
- Deploying the Fabric Controller in the Cisco Nexus Dashboard.
- Discover network equipment with Cisco NDFC.
- Deploying VXLAN EVPN with Cisco NDFC.
- Data center management and supervision with Cisco NDFC.
- Cisco Nexus Dashboard Fabric Controller REST API.
- Migration from Cisco DCNM to Cisco NDFC.
- Configuring and running Cisco NDFC POAP.
- VXLAN configuration with a BGP control plane.

2 Official practical work

- Connect sites to Cisco Nexus Dashboard.
- Explore Cisco Nexus Dashboard.
- Explore the Cisco Nexus Dashboard Fabric Controller.
- Network management with Cisco NDFC.
- Configure and run Cisco NDFC POAP.
- Configure VXLAN with a BGP control plane.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: psh-accueil@orsys.fr so that we can assess your request and its feasibility.