COMPUTER LEARNING CENTRE
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CISCO PARTNER Learning

Training overview

Cisco Nexus Dashboard Advanced (DCNDA)

Description

The **Cisco Nexus Dashboard Advanced (DCNDA)** training focuses on how to deploy and use Cisco Nexus Dashboard Insights (NDI) and Cisco Nexus Dashboard Orchestrator (NDO) to successfully monitor data center networks, and to provision a Cisco Application Centric Infrastructure (ACI)-based multisite network. The training includes several activities that are either lab simulations or live labs. Activities that pertain to Nexus Dashboard Insights are implemented with lab simulations based on a real-world lab environment, while the lab activity related to Nexus Dashboard Orchestrator uses live software.

This training earns you 24 Continuing Education (CE) credits toward recertification.

How you'll benefit

Thistraining willhelp you:

- Learn how to deploy and use Cisco Nexus Dashboard Insights and Cisco Nexus Dashboard Orchestration to successfully monitor data center networks, and to provision a Cisco ACI-based multisite network
- Gain leading-edge skills for a career focused on data center technology
- Earn 24 CE credits toward recertification

Who should enroll

- Data Center Network Administrators
- Data Center Network Operators Data
- Center Architects
- Data Center Engineers
- Data Center Technical Managers
- IT Managers/Directors
- Account Managers

Technology areas

- Data Center

Objectives

- Describe Cisco Nexus Dashboard Insights
- Describe day-2 operational needs
- Describe the Cisco Nexus Dashboard Insights installation on Cisco Nexus Dashboard
- Describe Cisco Nexus Dashboard Insights switch telemetry
- Describe assurance analysis including multisite assurance
- Describe resource analysis
- Describe alerts analysis
- Describe Cisco NDI dashboards
- Describe the options for exporting data from NDI
- Describe Cisco NDI use cases
- Explore Cisco Nexus Dashboard Insights
- Explore vCenter Integration with Cisco NDI
- Explore Cisco NDI Assurance functions
- Describe Cisco Nexus Dashboard Orchestrator
- Describe Cisco NDO features and use cases
- Describe Cisco NDO platform support and the installation process
- Describe Cisco NDO with Cisco ACI multisite
- Describe Cisco intersite connectivity
- Describe multisite schemas and templates
- Describe multipod and multisite integration
- Orchestrate Cisco NDO policies

Prerequisites

Thereareno 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
- Fundamentals of network management and network operation
- Understanding of Cisco ACI

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

- Understanding Cisco Data Center Foundations (DCFNDU)
- Implementing Cisco Application Centric Infrastructure (DCACI)

Outline

- Cisco Nexus Dashboards Insights Overview
- Day-2 Operational Needs
- Cisco Nexus Dashboard Insights Installation on Cisco Nexus Dashboard
- Cisco Nexus Dashboard Insights Switch Telemetry
- Assurance Analysis Including Multisite Assurance
- Resource Analysis
- Alerts Analysis
- Explore Cisco Nexus Dashboard Insights
- Cisco Nexus Dashboard Insights Dashboards

- Options for Exporting Data from Cisco Nexus Dashboard Insights
- Cisco Nexus Dashboard Insights Use Cases
- Cisco Nexus Dashboard Insights Integration with vCenter
- Explore Cisco NDI Assurance Functions
- Cisco NDO Overview
- Cisco NDO Features and Use Cases
- Cisco NDO Platform Support and Installation
- Cisco NDO with Cisco ACI Multisite
- Intersite Connectivity
- Multisite Schemas and Templates
- Multipod and Multisite Integration
- Orchestrate Cisco NDO Policies

Lab Outline

- Explore Cisco Nexus Dashboard Insights
- Configure and Explore vCenter Integration with Cisco NDI
- Explore Cisco NDI Assurance Functions
- Orchestrate Cisco NDO Policies