

Course Outline

Introduction to Nexus Dashboard Operations Course INTNDO: 4 days Instructor Led

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About this course

This Introduction to Nexus Dashboard training covers data center assurance and telemetry, then dives into Nexus Dashboard architecture, configuration and installation and deployment scenarios for Cisco ACI.

Audience profile

- Systems Architects
- Systems Engineers
- Systems Administrators
- Technical Decision Makers
- Channel Partners

At course completion

After completing this course, students will be able to:

- Understand, Articulate, and Operationalize Nexus Dashboard Use Cases and Benefits
- Operate and Configure Nexus Dashboard
- Install and Operate Nexus Dashboard Apps
- Configure Nexus Insights, Orchestrator, and Fabric Controller
- Explore Fabric Telemetry with Nexus Insights
- Explore Nexus Dashboard and Nexus Insights APIs

Course Outline

Module 1: Nexus Dashboard for ACI Overview

- Introduction to Cisco ACI Data Center Assurance and Telemetry
- Introduction to Nexus Dashboard Architecture
- Nexus Dashboard Federation/SPOG
- Nexus Dashboard Installation, Configuration and Deployment

Module 2: Nexus Dashboard Insights for ACI

- Introduction to Nexus Dashboard Insights
- GUI Overview
- Insight Site Groups
- Insight Compliance
- Insight Explorer
- Insight Resource Browser/Bug Advisory
- Anomalies/Protocols statistics/Alerts/One Click Remediation
- Flow Telemetry
- Delta Analysis
- Firmware Update Analysis

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- Pre-change Analysis
- Licensing

Module 3: Nexus Dashboard Orchestrator for ACI

- Overview
- Use Cases
- Nexus Dashboard Orchestrator Platform Support
- Multi-Cloud-Only Deployments
- Nexus Dashboard Orchestrator with ACI Multi-Site

Module 4: Nexus Dashboard Integrations

- Nexus Dashboard API
- Splunk Integration
- AppDynamics (AppD) Integration

Lab Outline

Discovery Lab 0: Accessing the NterOne Lab Devices

Discovery Lab 1: Validate ACI Integration with Nexus Dashboard

Discovery Lab 2: Nexus Dashboard Admin Console

Discovery Lab 3: Nexus Dashboard Insights Administration

Discovery Lab 4: Nexus Dashboard Insights Compliance on an ACI Tenant

Discovery Lab 5: Nexus Dashboard Insights Explorer Feature on an ACI Tenant

Discovery Lab 6: Nexus Dashboard Insights Advisories, Anomalies, and Pre-Change Analysis

Discovery Lab 7: Nexus Dashboard Orchestrator Integration with ACI

Discovery Lab 8: Nexus Dashboard Orchestrator ACI Multi-Site Configuration

Discovery Lab 9: Nexus Dashboard Challenge