



# Introduction to Nexus Dashboard Operations (INDO)

## COURSE OVERVIEW

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.

## WHO WILL BENEFIT FROM THIS COURSE?

The primary audience for this course is as follows:

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

## COURSE OBJECTIVES

Upon completing this course, the learner will be able to meet these overall objectives:

- 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
- 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
- ServiceNow Integration

#### Lab Outline:

Labs are designed to assure learners a whole practical experience, through the following practical activities:

- 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, Anomalies, and Pre-Change Analysis
- Discovery Lab 7: Nexus Dashboard Orchestrator Integration with ACI
- Discovery Lab 8: Nexus Dashboard Orchestrator ACI Multi-Site Configuration
- Discover Lab 9: Nexus Dashboard Challenge

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