DNAAS - LEVERAGING CISCO INTENT-BASED NETWORKING DNA ASSURANCE V2.1

Course Code: 821220

Leveraging Cisco Intent-Based Networking DNA Assurance (DNAAS) Version 1.0 is a three-day course that provides you with the skills to monitor and troubleshoot a traditional brownfield network infrastructure by using Cisco DNA Assurance.

The focus is on highlighting issues rather than monitoring data. The advanced artificial intelligence and machine learning features within Cisco DNA Assurance will allow you to isolate the root cause of a problem and use suggested actions to quickly resolve issues. You will use Cisco DNA Assurance to perform the work of a Level 3 support engineer.

What You'll Learn

After taking this course, you should be able to:

- Explain the benefits of using Cisco DNA Center in a traditional, enterprise network
- Explain at a detailed level the Cisco DNA Center Assurance system architecture, functional components, features, and data-processing concepts.
- Discuss the health scores, metrics, and strategies that you use for monitoring network devices, clients, and applications with Cisco DNA Assurance
- Describe how Cisco DNA Center Assurance analyzes the streaming telemetry and collected data, correlates the data, performs root cause analysis, and displays detected issues, insights, and trends
- Describe the Cisco DNA Center Assurance troubleshooting tools, mechanisms, strategies, and scenarios to proactively detect and resolve wireless network, client, and application issues and pinpoint the root cause
- Deploy and configure Cisco DNA Center to use Assurance features for monitoring and troubleshooting network devices, clients, and applications

Who Needs to Attend

- Network administrators
- Network operators

Prerequisites

Before taking this course, you should have the following knowledge and skills:

- Internet web browser usability knowledge
- Working knowledge of TCP/IP networking
- Familiarity with network management concepts such as Simple Network Management Protocol (SNMP), Syslog, and NetFlow

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CLASSROOM LIVE	$2,675 CAD	3 Day

Classroom Live Outline

- Introducing Cisco DNA Center Assurance
- Cisco DNA Center and Intent-Based Network Management Automation
- Cisco DNA Center System Architecture
- Monitoring Health and Performance with Cisco DNA Center Assurance
- Cisco DNA Center Assurance Functional Components
- Cisco DNA Center Assurance Data Analytics and Metrics
- Troubleshooting Issues, Observing Insights and Trends
- Detect Issues, Insights, and Trends in the Network
- Observe Trends, Insights, and Comparative Analysis
- Troubleshooting Wireless Issues with Cisco DNA Center Assurance Tools
- Review of Assurance Tools for Troubleshooting Wireless Networks
- Use Sensor Tests to Troubleshoot Wireless Networks

Classroom Live Labs

- Prepare Cisco DNA Center for Assurance
- Monitor the Health of Network Devices, Clients, and Applications
- Troubleshoot Network, Client, and Application Issues
- Analyze Wireless Networks with Advanced Assurance Tools

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VIRTUAL CLASSROOM LIVE	$2,675 CAD	2 Day

Virtual Classroom Live Outline

- Introducing Cisco DNA Center Assurance
- Cisco DNA Center and Intent-Based Network Management Automation
- Cisco DNA Center System Architecture
- Monitoring Health and Performance with Cisco DNA Center Assurance
- Cisco DNA Center Assurance Functional Components
- Cisco DNA Center Assurance Data Analytics and Metrics
- Troubleshooting Issues, Observing Insights and Trends
- Detect Issues, Insights, and Trends in the Network
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- Troubleshooting Wireless Issues with Cisco DNA Center Assurance Tools
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Virtual Classroom Live Labs

- Prepare Cisco DNA Center for Assurance
- Monitor the Health of Network Devices, Clients, and Applications
- Troubleshoot Network, Client, and Application Issues
- Analyze Wireless Networks with Advanced Assurance Tools

Nov 3 - 4, 2025 | 8:30 AM - 4:30 PM EST

Jan 26 - 27, 2026 | 8:30 AM - 4:30 PM EST

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ON-DEMAND	$550 CAD

On-Demand Outline

- Introducing Cisco DNA Center Assurance
- Cisco DNA Center and Intent-Based Network Management Automation
- Cisco DNA Center System Architecture
- Monitoring Health and Performance with Cisco DNA Center Assurance
- Cisco DNA Center Assurance Functional Components
- Cisco DNA Center Assurance Data Analytics and Metrics
- Troubleshooting Issues, Observing Insights and Trends
- Detect Issues, Insights, and Trends in the Network
- Observe Trends, Insights, and Comparative Analysis
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- Review of Assurance Tools for Troubleshooting Wireless Networks
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On-Demand Labs

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- Troubleshoot Network, Client, and Application Issues
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PRIVATE GROUP TRAINING	3 Day

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.