
Leveraging Cisco Intent-Based Networking DNA Assurance (DNAAS) V2.1

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HAPPENS EVERYDAY!***

Leveraging Cisco Intent-Based Networking DNA Assurance (DNAAS) V2.1

Course Duration

2 days

Course Price

\$1,995.00
20 CLCs

Methods of Delivery

In-Person ILT
Virtual ILT
Onsite ILT

About this Class

The Leveraging Cisco Intent-Based Networking DNA Assurance (DNAAS) V2.1 course provides you with the skills to monitor and troubleshoot a traditional brownfield network infrastructure by using Cisco® Digital Network Architecture (Cisco DNA™) Assurance. The course focuses on highlighting issues rather than on monitoring data. The advanced artificial intelligence and machine learning features within Cisco DNA Assurance enable you to isolate the root cause of a problem and to take appropriate actions to quickly resolve issues. Cisco DNA Assurance can be used to perform the work of a Level 3 support engineer.

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How you will benefit

This class will help you:

- Monitor, identify, and respond to changing network and wireless conditions
- Automate manual operations to reduce the costs associated with human errors, resulting in more uptime and improved security
- Save time by using a single dashboard to manage and automate your network

Why Attend with Current Technologies CLC

- Our Instructors are the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

Who Should Attend

The job roles best suited to the material in this course are:

- Network Administrators
- Network Operators

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Objectives

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
- Explain 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

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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Course Outline

Module 1: Introducing Cisco DNA Center Assurance

Module 2: Monitoring Health and Performance with Cisco DNA Center Assurance

Module 3: Troubleshooting Issues, Observing Insights and Trends

Module 4: Troubleshooting Wireless Issues with Cisco DNA Center Assurance Tools

Lab Outline

Lab 1: Prepare Cisco DNA Center for Assurance

Lab 2: Monitor Overall Health and the Health of Network Devices

Lab 3: Monitor the Health of Clients and Applications

Lab 4: Troubleshoot Network, Client, and Application Issues

Lab 5: Observer Assurance AI Network Analytics

Lab 6: Analyze Wireless Allocation, Capabilities, and Threats

Lab 7: Monitor Wireless Networks with Advanced Assurance Tools