



# Leveraging Cisco Intent-Based Networking DNA Assurance (DNASS)

## COURSE OVERVIEW

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 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.

## WHO WILL BENEFIT FROM THIS COURSE?

- 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

The following Cisco courses can help you gain the knowledge you need to prepare for this course:

- Implementing and Administering Cisco Solutions (CCNA®)
- Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)

## COURSE 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



## COURSE OUTLINE

- Introducing Cisco DNA Center Assurance
- Monitoring Health and Performance with Cisco DNA Center Assurance
- Troubleshooting Issues, Observing Insights and Trends
- Troubleshooting Wireless Issues with Cisco DNA Center Assurance Tools

### Lab Outline

- Prepare Cisco DNA Center for Assurance
- Monitor Overall Health and the Health of Network Devices
- Monitor the Health of Clients and Applications
- Troubleshoot Network, Client, and Application Issues
- Observer Assurance AI Network Analytics
- Analyze Wireless Allocation, Capabilities, and Threats
- Monitor Wireless Networks with Advanced Assurance Tools

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- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

### Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

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- You have the option to attend classes live with the instructor, at any of our established training facilities, or from the convenience of your home or office
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!



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- You will work with a dedicated account manager to suggest the optimal learning path for you and/or your team
- An enthusiastic student services team is available to answer any questions and ensure a quality training experience

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