

# Cisco Transforming to a Cisco Intent-Based Network (IBNTRN) v1.1

**Duration:** 40.00 hours (5 days)

**32.5 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Classroom

## Course Overview

The Transforming to a Cisco Intent-Based Network (IBNTRN) v1.1 course teaches you how the functionality of Cisco® SD-Access fits into Cisco Digital Network Architecture (Cisco DNA ). Through a combination of lessons and hands-on learning, you will practice operating, managing, and integrating Cisco DNA Center, programmable network infrastructure, and Cisco SD-Access fundamentals. You will learn how Cisco delivers intent-based networking across the campus, branch, WAN, and extended enterprise and ensures that your network is operating as intended.

## About This Course

The Transforming to a Cisco Intent-Based Network (IBNTRN) v1.1 course teaches you how the functionality of Cisco® SD-Access fits into Cisco Digital Network Architecture (Cisco DNA ). Through a combination of lessons and hands-on learning, you will practice operating, managing, and integrating Cisco DNA Center, programmable network infrastructure, and Cisco SD-Access fundamentals. You will learn how Cisco delivers intent-based networking across the campus, branch, WAN, and extended enterprise and ensures that your network is operating as intended.

# Who Should Attend

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Channel partners and resellers

Network administrators

Network engineers

Sales engineers

System engineers

Technical architects

Technical support personnel

# Learning Outcomes

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## **Upon successful completion of this course, participants will be able to:**

After taking this course, you should be able to:

Identify the Cisco Digital Network Architecture solution by describing the vision, strategy, general concepts, and components.

Describe the Cisco DNA Center design application, hierarchical network design, and basic network settings, and describe the integration of Cisco DNA Center with Cisco Identity Services Engine (Cisco ISE) for Automation and Assurance.

Describe the Cisco DNA Center Inventory and the available mechanisms for discovering and adding network devices, and explore the device compatibility with Cisco DNA Center and SD-Access.

Describe the Cisco DNA Center automation features such as configuration templates, software image maintenance, and Plug and Play (PnP) device onboarding.

Explore the Cisco DNA Center user interface, the available workflows for onboarding devices, and how to design and manage a network.

Introduce Cisco SD-Access, describe the different node types in the fabric and the two-level segmentation provided by the solution, and take a deep dive into the control and data plane protocols used in Cisco SD-Access.

Describe the Cisco DNA Center workflow for deploying Cisco SD-Access, defining all the prerequisite network settings and profiles, defining the required policies, creating fabric domains and sites, and provisioning fabric nodes.

Create and manage fabric domains and sites, provision fabric devices, and onboard your endpoints in a single site or distributed fabric campus network.

Describe the features available for automating and monitoring wireless networks with Cisco DNA Center, and describe the available deployment models with their benefits and limitations, such as wireless Over-the-Top (OTT) and SD-Access Wireless.

Describe the Cisco SD-Access Extension for IoT solution, its architecture and components, and the benefits and limitations of the solution

Describe the use cases and migration scenarios for migrating users from traditional campus to SD

## Additional Course Details

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Nexus Humans Cisco Transforming to a Cisco Intent-Based Network (IBNTRN) v1.1 training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Cisco Transforming to a Cisco Intent-Based Network (IBNTRN) v1.1 course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

# Frequently Asked Questions

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## **Q: What delivery options are available for Cisco Transforming to a Cisco Intent-Based Network (IBNTRN) v1.1?**

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
  - Traditional Instructor-Led Classroom Training (ILT)
  - On-site delivery at your offices anywhere in United Kingdom
  - Private dedicated courses customized for your team
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## **Q: How many CPD hours does this course provide?**

The 5-day Cisco Transforming to a Cisco Intent-Based Network (IBNTRN) v1.1 course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the Cisco Transforming to a Cisco Intent-Based Network (IBNTRN) v1.1 training?**

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for Cisco Transforming to a Cisco Intent-Based Network (IBNTRN) v1.1?**

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Transforming to a Cisco Intent-Based Network (IBNTRN) v1.1. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

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## Q: Why choose Nexus Human for Cisco Transforming to a Cisco Intent-Based Network (IBNTRN) v1.1?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

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## Q: Are there any discount codes available?

Yes! Use discount code **PENPALS** when booking your Cisco Transforming to a Cisco Intent-Based Network (IBNTRN) v1.1 training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

# Nexus Human

## Professional Training & Development

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