TRANSFORMING TO A CISCO INTENT-BASED NETWORK (IBNTRN) V1.1

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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.

How you'll benefit

This class will help you:

- Configure an open, software-driven approach that makes the network simpler, more agile, and responsive to business needs
- Leverage the functionality of Cisco DNA Center to streamline operations, reduce costs, detect and contain threats, and continuously align the network to business needs

Why Attend with Current Technologies CLC

- Our Instructors are in 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 primary audience for this course is as follows:

- Channel Partners and Resellers
- Network Administrators
- Network Engineers
- Sales Engineers
- System Engineers
- Technical Architects
- Technical Support Personnel

Course Duration
5 days

Course Price
$4,595.00 or 46 CLCs

Methods of Delivery
- Instructor Led
- Virtual ILT
- On-Site

Prerequisites

To fully benefit from this course, you should have the following knowledge:

- Understanding of network routing and switching principles equivalent to a CCNP® Enterprise level
- Experience with Cisco Unified Wireless Network technologies
- Experience with Cisco ISE, 802.1x, and Cisco TrustSec
- Understanding of segmentation technologies such as VLANs and Virtual Routing and Forwarding (VRF)

- Basic understanding of overlay technologies such as Virtual Extensible LAN (VXLAN)
- Basic understanding of Locator ID Separation Protocol (LISP).

OUTLINE

Module 1: Introducing Cisco DNA Architecture

Module 2: Cisco DNA Center Design

Module 3: Cisco DNA Center Inventory

Module 4: Cisco DNA Center Automation

Module 5: Explore Cisco DNA Center and Automating Network Changes

Module 6: Introducing Cisco Software-Defined Access

Module 7: Deploying Cisco Software-Defined Access

Module 8: Deploy Wired Fabric Networks with Cisco DNA Center

Module 9: Cisco SD-Access for Wireless

Module 10: Cisco SD-Access Extension for IoT

Module 11: Deploy Brownfield and Fabric Wireless Network with Cisco DNA Center

Module 12: Migrating to Cisco SD-Access

Module 13: Cisco SD-Access Multicast

Module 14: Integrating Cisco DNA Center

Module 15: Deploy SD-Access Layer 2 Borders and Multicast and Integrate Cisco DNA Center with External Services or Applications

Module 16: Understanding Programmable Network Infrastructure

Module 17: Operating and Managing Cisco DNA Infrastructure

Module 18: Test Drive Cisco DNA Center APIs

LAB OUTLINE

- Lab 1: Explore Cisco DNA Center and Automate Network Changes
- Lab 2: Deploy Wired Fabric Networks with Cisco DNA Center
- Lab 3: Deploy Brownfield and Fabric Wireless Network with Cisco DNA Center
- Lab 4: Deploy SD-Access Layer 2 Borders and Multicast and Integrate Cisco DNA Center with External Services or Applications