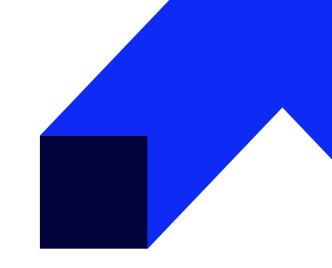


kod szkolenia: IBNTRN / PL AA 5d

# Transforming to a Cisco Intent-Based Network

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.





#### Przeznaczenie szkolenia

Who should enroll

- Channel partners and resellers
- Network administrators
- Network engineers
- Sales engineers
- System engineers
- · Technical architects
- Technical support personnel



# Korzyści wynikające z ukończenia szkolenia

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



# Oczekiwane przygotowanie słuchaczy

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).

Recommended Cisco courses that may help you meet these prerequisites:

- Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)
- Configuring Cisco ISE Essentials for SD-Access (ISESDA)
- Understanding Cisco Wireless Foundations (WLFNDU)



# Język szkolenia

Szkolenie: polskiMateriały: angielski



#### Czas trwania

5 dni / 35 godzin

### Agenda szkolenia

#### Course outline

- Introducing Cisco DNA Architecture
- Cisco DNA Center Design
- Cisco DNA Center Inventory



- Cisco DNA Center Automation
- Explore Cisco DNA Center and Automating Network Changes
- Introducing Cisco Software-Defined Access
- Deploying Cisco Software-Defined Access
- Deploy Wired Fabric Networks with Cisco DNA Center
- Cisco SD-Access for Wireless
- Cisco SD-Access Extension for IoT
- Deploy Brownfield and Fabric Wireless Network with Cisco DNA Center
- Migrating to Cisco SD-Access
- Cisco SD-Access Multicast
- Integrating Cisco DNA Center
- Deploy SD-Access Layer 2 Borders and Multicast and Integrate Cisco DNA Center with External Services or Applications
- Understanding Programmable Network Infrastructure
- Operating and Managing Cisco DNA Infrastructure
- Test Drive Cisco DNA Center APIs

#### Lab outline

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