



CISCO TRAINING

Transforming to a Cisco Intent Based Network

Master Cisco Intent Based Network principles. Transform traditional networks into agile, automated solutions.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This concise yet powerful 2-hour course, "Transforming to a Cisco Intent Based Network," provides an essential overview for networking professionals looking to navigate the evolving landscape of modern network management. You'll delve into the core principles of Intent-Based Networking (IBN), understanding how this revolutionary approach shifts traditional network operations from manual, device-centric configurations to an automated, policy-driven model. The curriculum highlights the critical limitations of legacy systems and introduces the transformative capabilities of IBN to address today's complex network demands.

Participants will gain insight into key Cisco technologies that power IBN, including Cisco DNA Center as the central automation and assurance platform, and foundational concepts of Software-Defined Access (SD-Access) and Software-Defined Wide Area Network (SD-WAN). The course emphasizes the strategic advantages of adopting IBN, such as enhanced network agility, reduced operational overhead, improved security posture through centralized policy enforcement, and proactive issue resolution through advanced analytics. By the end of this session, you'll have a clear understanding of the benefits of transforming your network with Cisco's IBN solutions, preparing you for more advanced studies and practical implementations in this cutting-edge field.

Duration	2 hours
Level	Intermediate
Vendor	Cisco

COURSE CURRICULUM

01 Module 1: Introduction to Intent-Based Networking (IBN)

- Defining Intent-Based Networking: What it is and why it matters
- Limitations of traditional network management
- Key pillars of IBN: Translation, Activation, and Assurance
- Business and operational benefits of adopting IBN

02 Module 2: Cisco DNA Center – The Heart of IBN

- Overview of Cisco DNA Center's role in IBN
- Centralized management and orchestration capabilities
- Network automation and provisioning through DNA Center
- Analytics, assurance, and troubleshooting with DNA Center

03 Module 3: Core Cisco IBN Technologies (SD-Access & SD-WAN)

- Introduction to Cisco Software-Defined Access (SD-Access)
- Key components and benefits of SD-Access for campus networks
- Introduction to Cisco Software-Defined Wide Area Network (SD-WAN)
- How SD-WAN simplifies and optimizes WAN connectivity

04 Module 4: Transitioning to IBN and Future Outlook

- Strategies for IBN adoption and migration
- Key considerations for IBN implementation in existing infrastructures
- The future of networking with Intent-Based Architectures
- Next steps and advanced learning paths in Cisco IBN

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Network Automation Engineer**
- > **Enterprise Network Architect**
- > **Senior Network Operations Specialist**

FREQUENTLY ASKED QUESTIONS

Q: What foundational knowledge or certifications are recommended before taking the 'Transforming to a Cisco Intent Based Network' course to maximize learning?

While this course provides an excellent introduction, participants will benefit most from having a foundational understanding of basic networking concepts, including routing and switching fundamentals. Familiarity with Cisco IOS XE commands and general network topologies, typically gained through a CCNA-level certification or equivalent experience, will be highly advantageous.

Q: How does mastering the concepts of Intent-Based Networking specifically with Cisco platforms enhance a network professional's career trajectory?

Understanding Cisco's Intent-Based Networking positions you at the forefront of modern network design and operations. It equips you with skills in automation, orchestration, and advanced analytics, which are in high demand. This expertise can unlock career opportunities in specialized roles like Network Automation Engineer, Enterprise Network Architect, and Senior Network Operations Specialist, making you indispensable in organizations undergoing digital transformation.

Q: Will this 2-hour course provide extensive hands-on experience or deep dives into specific Cisco products like Catalyst 9000 switches or detailed SD-WAN configuration?

Given its focused 2-hour duration, this course is designed to provide a high-level, strategic overview of Cisco Intent-Based Networking, its core concepts, and the primary technologies involved (like DNA Center, SD-Access, and SD-WAN). While it explains the functions of these components, it does not include extensive hands-on labs or deep, product-specific configuration drills. It serves as an excellent conceptual foundation, preparing you for more in-depth, practical courses and certifications.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

10,000+

50+

Years of Excellence

Professionals Trained

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READY TO ENROL?

Take the next step in your technology career.

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