



CISCO TRAINING

Operating and Implementing Cisco WAN Automation Engine

Implement and operate Cisco WAN Automation Engine to automate and optimize your WAN infrastructure.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The "Operating and Implementing Cisco WAN Automation Engine" course is designed for networking professionals eager to harness the power of automation in managing intricate Wide Area Networks. In just two intensive hours, participants will gain practical insights into the Cisco WAN Automation Engine (WAE), a powerful solution for optimizing network performance, traffic engineering, and capacity planning. This course demystifies the core principles of WAN automation, demonstrating how WAE provides unparalleled visibility and control over network operations, enabling proactive management and significant operational efficiencies. This intermediate-level training focuses on the essential skills required to operate and implement fundamental aspects of Cisco WAE. You will learn to navigate the WAE interface, interpret critical network analytics, and configure basic traffic engineering policies to ensure optimal service delivery across your WAN infrastructure. By mastering these foundational operational and implementation techniques, you'll be equipped to reduce manual intervention, minimize downtime, and ensure your network resources are utilized effectively, directly contributing to a more agile and reliable enterprise network environment.

Duration	2 hours
Level	Intermediate
Vendor	Cisco

COURSE CURRICULUM

01 Module 1: Introduction to Cisco WAE and WAN Automation

- Understanding the challenges of modern WANs
- Overview of WAN Automation Engine (WAE) capabilities
- Cisco WAE architecture and components
- Benefits of WAN automation for network efficiency

02 Module 2: Navigating and Monitoring Cisco WAE

- Accessing the WAE user interface
- Interpreting network topology and inventory data
- Monitoring WAN performance metrics and trends
- Generating basic network reports and analytics

03 Module 3: Basic WAE Implementation and Traffic Engineering

- Introduction to WAE traffic engineering principles
- Creating and deploying simple routing policies
- Configuring basic bandwidth management rules
- Verifying policy implementation and impact

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Network Automation Engineer**
- > **WAN Optimization Specialist**

> Senior Network Operations Center (NOC) Analyst

FREQUENTLY ASKED QUESTIONS

Q: What foundational networking knowledge is recommended before taking the 'Operating and Implementing Cisco WAE' course?

Participants should have a solid understanding of fundamental networking concepts, including IP addressing, routing protocols (OSPF, EIGRP, BGP basics), and general WAN technologies. Prior exposure to Cisco IOS or NX-OS commands and basic network operations is beneficial to maximize learning from this intermediate-level course.

Q: How does mastering Cisco WAE specifically enhance a network engineer's ability to manage complex WAN traffic and performance?

This course provides hands-on knowledge of WAE's core operational features, enabling engineers to gain deep visibility into WAN traffic patterns, proactively identify bottlenecks, and implement precise traffic engineering policies. You'll learn to optimize bandwidth utilization, ensure application performance, and quickly react to network changes, moving beyond reactive troubleshooting to proactive, automated WAN management.

Q: Is this 2-hour course sufficient to start a career in network automation, and what are the recommended next steps?

This course serves as an excellent foundational introduction to operating and implementing Cisco WAE, providing a crucial stepping stone into network automation. While it won't single-handedly launch a full career, it equips you with essential WAE skills. For career advancement in network automation, we recommend pursuing further studies in scripting (Python), automation platforms (Ansible, Cisco NSO), and other Cisco certification paths like DevNet or CCNP Enterprise with automation specializations.

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+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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