



MICROSOFT TRAINING

Developing Applications And Automating Workflows Using Cisco Core Platforms Devasc 1 1 Quiz Questions Answers

Automate workflows and develop applications on Cisco platforms. Master DEVASC concepts for network programmability.

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 intermediate-level course, "Developing Applications And Automating Workflows Using Cisco Core Platforms Devasc 1 1 Quiz Questions Answers," is specifically designed to solidify your understanding and prepare you for the Cisco DevNet Associate (DEVASC) certification exam. It provides a targeted review of the critical concepts, practical applications, and core technologies required for developing and automating workflows on Cisco platforms. Through a focused approach on quiz questions and detailed answers, you will reinforce your knowledge of network programmability fundamentals, Python scripting for automation, REST APIs, and how to interact with Cisco DNA Center, Meraki, and Webex Teams APIs.

The curriculum is structured to enhance your problem-solving skills and deepen your grasp of infrastructure as code principles, DevOps practices, and secure application development. By mastering these areas, you will not only be well-equipped to successfully pass the DevNet Associate exam but also gain a competitive edge in the rapidly evolving landscape of network automation. This course empowers IT professionals to transition from traditional network administration to a more programmatic and automated approach, driving efficiency and innovation within their organizations.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Network Programmability Foundations & APIs

- Understanding Network Programmability Concepts
- JSON and XML Data Formats
- Introduction to REST APIs and RESTful Principles
- HTTP Methods and Status Codes
- API Authentication Methods (Basic, Token, OAuth)

02 Module 2: Python for Network Automation Essentials

- Python Syntax and Data Types
- Control Flow and Functions in Python
- Working with Python Libraries for Network Automation (requests, Netmiko)
- Parsing JSON and XML Data with Python
- Writing Basic Automation Scripts

03 Module 3: Cisco Platform Automation & Orchestration

- Automating Cisco IOS XE with RESTCONF and NETCONF
- Cisco DNA Center APIs for Network Management
- Meraki Dashboard APIs for Cloud-Managed Networks
- Webex Teams APIs for Collaboration Integration
- Introduction to Ansible for Network Automation

04 Module 4: Infrastructure as Code & DevOps Principles

- Version Control with Git and GitHub
- Introduction to Infrastructure as Code (IaC)
- Continuous Integration/Continuous Delivery (CI/CD) Concepts
- Automated Testing for Network Configurations

- Security Best Practices in Network Automation

05 Module 5: DevASC Exam Readiness & Practice

- Review of Key DevASC Exam Domains
- Strategies for Answering Multiple Choice Questions
- Identifying Common Pitfalls in Automation Scenarios
- Timed Practice Quizzes on Each Domain
- Simulated DevASC Exam Experience

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior Network Automation Engineer**
- > **DevNet Associate Consultant**
- > **Cloud Network Automation Developer**

FREQUENTLY ASKED QUESTIONS

Q: How does this 'Quiz Questions Answers' course effectively prepare me for real-world application development and workflow automation on Cisco platforms, beyond just passing the exam?

While this course focuses on quiz questions and answers, each question is meticulously designed to test your understanding of core DevNet Associate concepts and practical scenarios. By deeply analyzing the questions and their detailed explanations, you'll not only recall facts but also grasp the underlying logic, best practices, and troubleshooting approaches crucial for actual application development and automation. This method reinforces critical thinking and problem-solving skills directly applicable to building and deploying automation solutions.

Q: What specific prior knowledge or skills are recommended before enrolling in this DevASC 'Quiz Questions Answers' course to maximize my learning and success?

To get the most out of this course, it is highly recommended to have a foundational understanding of networking concepts (equivalent to CCNA level), basic programming logic, preferably with Python, and a general familiarity with Linux command-line tools. While the course provides comprehensive review, prior exposure to these areas will allow you to better leverage the quiz-based learning format and quickly apply the discussed DevASC principles.

Q: Beyond the DevNet Associate certification, what tangible and immediate career skills will I acquire from this course that I can showcase to potential employers?

This course will equip you with demonstrably strong theoretical and practical knowledge in key areas sought by employers, including understanding and utilizing REST APIs for network interaction, scripting network automation solutions with Python, working with common data formats like JSON and XML, and applying version control with Git. You will gain insights into automating tasks on Cisco platforms like DNA Center and Meraki, foundational to roles in network automation, DevOps for networking, and cloud network engineering.

ABOUT COMPUTER PRIDE

**computerpride*****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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