CertKit: Cisco 200-901: DevNet Associate (DEVASC)

The Developing Applications and Automating Workflows Using Cisco Core Platforms (DEVASC) CertKit helps you prepare for Cisco DevNet Associate certification and for associate-level network automation engineer roles. You will learn how to implement basic network applications using Cisco platforms as a base, and how to implement automation workflows across network, security, collaboration, and computing infrastructure.

Prerequisites:
It is strongly recommended, but not required, that students have the following knowledge and skills:
- Basic Computer Literacy
- Basic PC Operating System Navigation Skills
- Basic Internet Usage Skills
- Hands-on experience with a programming language (specifically Python)

Course outcome:
This course will help you:
- Take advantage of the network when you implement applications to fulfill business needs
- Gain a foundation in the essentials of applications, automation, and Cisco platforms
- Prepare for the 200-901 DEVASC exam, which earns Cisco Certified DevNet Associate certification

Who should attend:
This course is designed for anyone who performs or seeks to perform a developer role and has one or more years of hands-on experience developing and maintaining applications that are built on top of Cisco platforms.
The course is appropriate for software developers, application developers, and network engineers who want to expand their skill base and validate their skills in programmability, software, and automation. Students preparing for Cisco Certified DevNet Associate certification will also find this material useful. The job roles best suited to the material in this course are:
- Network automation engineer
- Software developer
- System integration programmer

CertKit content:
- E-learning courses:
    - DEVASC: DevNet Overview & Setting up Tools in Linux
    - DEVASC: Setting up Development & Virtualization Tools in Windows
    - DEVASC: Working with Data Formats
    - DEVASC: Software Development Methodologies
    - DEVASC: Development Methodologies & Software Quality
    - DEVASC: Code Organization, Design Patterns, & Version Control
    - DEVASC: Working with Git
    - DEVASC: HTTP, APIs, & Webhooks
    - DEVASC: API Usage & Authentication
    - DEVASC: Application Infrastructure, Deployment, Security, & CI/CD
    - DEVASC: DevOps, Docker, Bash, & Unit Testing Basics
    - DEVASC: Coding, Testing, & Managing Cisco Devices
    - DEVASC: Configuring Devices with Bash, Python, & Ansible
    - DEVASC: Network & Network Communication Basics
    - DEVASC: IPv4 Addressing, Binary Conversion, & Subnetting
    - DEVASC: Network Components, Connectivity, & Troubleshooting
    - DEVASC: IP Services & Operational Planes
    - DEVASC: Network, Collaboration, Security, & Compute Capabilities
    - DEVASC: Python Scripting & Managing WebEx Resources
- MeasureUp Exam simulation
    - 170+ questions
- Online Mentor
- Tips & Tricks