

Cisco Developing Applications and Automating Workflows Using Cisco Core Platforms v1.0 (DEVASC)

Duration: 40.00 hours (5 days)

32.5 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This course 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 and how to implement automation workflows across network, security, collaboration, and computing infrastructure. The course gives you hands-on experience solving real world problems using Cisco Application Programming Interfaces (APIs) and modern development tools. This course is 5 days of instructor led training, plus the equivalent of 3 days of self-paced training.

About This Course

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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

Additional job roles that might be interested:

Infrastructure architect

Network designer

Learning Outcomes

Upon successful completion of this course, participants will be able to:

After taking this course, you should be able to:

Describe the importance of APIs and use of version control tools in modern software development

Describe common processes and practices used in software development

Describe options for organizing and constructing modular software

Describe HTTP concepts and how they apply to network-based APIs

Apply Representational State Transfer (REST) concepts to integration with HTTP-based APIs

Describe Cisco platforms and their capabilities

Describe programmability features of different Cisco platforms

Describe basic networking concepts and interpret simple network topology

Describe interaction of applications with the network and tools used for troubleshooting issues

Apply concepts of model-driven programmability to automate common tasks with Python scripts

Identify common application deployment models and components in the development pipeline

Describe common security concerns and types of tests, and utilize containerization for local development

Utilize tools to automate infrastructure through scripting and model-driven programmability

Additional Course Details

Nexus Humans Cisco Developing Applications and Automating Workflows Using Cisco Core Platforms v1.0 (DEVASC) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Cisco Developing Applications and Automating Workflows Using Cisco Core Platforms v1.0 (DEVASC) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Cisco Developing Applications and Automating Workflows Using Cisco Core Platforms v1.0 (DEVASC)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
 - Traditional Instructor-Led Classroom Training (ILT)
 - On-site delivery at your offices anywhere in United Kingdom
 - Private dedicated courses customized for your team
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Q: How many CPD hours does this course provide?

The 5-day Cisco Developing Applications and Automating Workflows Using Cisco Core Platforms v1.0 (DEVASC) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Cisco Developing Applications and Automating Workflows Using Cisco Core Platforms v1.0 (DEVASC) training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Cisco Developing Applications and Automating Workflows Using Cisco Core Platforms v1.0 (DEVASC)?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Developing Applications and Automating Workflows Using Cisco Core Platforms v1.0 (DEVASC). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Cisco Developing Applications and Automating Workflows Using Cisco Core Platforms v1.0 (DEVASC)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPALS** when booking your Cisco Developing Applications and Automating Workflows Using Cisco Core Platforms v1.0 (DEVASC) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

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