

Cisco Developing Applications Using Cisco Core Platforms and APIs v1.0 (DEVCOR)

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

In this course, you will learn how to implement network applications using Cisco® platforms as a base, from initial software design to diverse system integration, as well as testing and deployment automation. The course gives you hands-on experience solving real world problems using Cisco Application Programming Interfaces (APIs) and modern development tools. This course helps you prepare for Cisco DevNet Professional certification and for professional-level network automation engineer roles.

About This Course

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Who Should Attend

To fully benefit from this course, you should have three to five years of experience designing and implementing applications that are built on top of Cisco platforms.

This course is appropriate for:

Network engineers expanding their skill-base to include software and automation

Developers expanding expertise in automation and DevOps

Solution architects moving to the Cisco ecosystem

Infrastructure developers designing hardened production environments

The job roles best suited to the material in this course are:

Senior network automation engineer

Senior software developer

Senior system integration programmer

Additional job roles that could find this course useful are:

Senior infrastructure architect

Senior network designer

Senior test development engineer

Students preparing for Cisco Certified DevNet Professional and Cisco Certified DevNet Specialist -

Core certification will also find this material useful.

Learning Outcomes

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

After taking this course, you should be able to:

Describe the architectural traits and patterns that improve application maintainability

Describe the architectural traits and patterns that improve application serviceability

Identify steps to design and build a ChatOps application

Implement robust Representational State Transfer (REST) API integrations with network error handling, pagination, and error flow control

Describe the necessary steps for securing user and system data in applications

Describe the necessary steps for securing applications

Identify common tasks in automated application release process

Describe best practices for application deployment

Describe methodologies for designing distributed systems

Describe the concepts of infrastructure configuration management and device automation

Utilize Yet Another Next Generation (YANG) data models to describe network configurations and telemetry

Compare various relational and nonrelational database types and how to select the appropriate type based on requirements

Additional Course Details

Nexus Humans Cisco Developing Applications Using Cisco Core Platforms and APIs v1.0 (DEVCOR) 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 Using Cisco Core Platforms and APIs v1.0 (DEVCOR) 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 Using Cisco Core Platforms and APIs v1.0 (DEVCOR)?

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 Using Cisco Core Platforms and APIs v1.0 (DEVCOR) 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 Using Cisco Core Platforms and APIs v1.0 (DEVCOR) 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 Using Cisco Core Platforms and APIs v1.0 (DEVCOR)?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Developing Applications Using Cisco Core Platforms and APIs v1.0 (DEVCOR). 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 Using Cisco Core Platforms and APIs v1.0 (DEVCOR)?

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 Using Cisco Core Platforms and APIs v1.0 (DEVCOR) 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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