DevSecOps Practitioner (DevOps Institute)

Category: Software Development & Programming | **Vendor:** Logical Operations

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Certification: DevSecOps Practitioner

Course Overview

Included with the course as standard is the official PeopleCert Exam Voucher. The DevSecOps Practitioner course is intended as a follow-on to the DevSecOps Foundation course. The course builds on previous understanding to dive into the technical implementation. The course aims to equip participants with the practices, methods, and tools to engage people across the organization involved in reliability through the use of real-life scenarios and case stories. Upon completion of the course, participants will have tangible takeaways to leverage when back in the office such as implementing DevSecOps practices to their organizational structure, building better pipelines in distributed systems, and having a common technological language. This course positions learners to successfully complete the DevSecOps Practitioner certification exam.

About This Course

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Who Should Attend

The target audience for the DevSecOps Practitioner course are professionals including:

Anyone focused on implementing or improving DevSecOps practices in their organization

Anyone interested in modern IT leadership and organizational change approaches

Business Managers

Business Stakeholders

Change Agents

Consultants

DevOps Practitioners

IT Directors

IT Managers

IT Team Leaders

Product Owners

Scrum Masters

Software Engineers

Site Reliability Engineers

System Integrators

Tool Providers

Learning Outcomes

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

After completing this course, students will be able to:

Comprehend the underlying principles of DevSecOps

Distinguish between the technical elements used across DevSecOps practices

Demonstrate how practical maturity concepts can be extended across multiple areas.

Implement metric-based assessments tied to your organization.

Recognize modern architectural concepts including microservice to monolith transitions.

Recognize the various languages and tools used to communicate architectural concepts.

Contrast the options used to build a DevSecOps infrastructure through Platform as a Service, Server-less construction, and event-driven mediums

Prepare hiring practices to recognize and understand the individual knowledge, skills, and abilities required for mature Dev

Identify the various technical requirements tied to the DevSecOps pipelines and how those impact people and process choices.

Review various approaches to securing data repositories and pipelines.

Analyze how monitoring and observability practices contribute to valuable outcomes.

Comprehend how to implement monitoring at key points to contribute to actionable analysis.

Evaluate how different experimental structures contribute to the 3rd Way.

Identify future trends that may affect DevSecOps

Detailed Course Outline

DevSecOps Advanced Basics

- Why Advance Practices
- General Awareness
- People-Finding Them
- Core Process
- Technology Overview

Understanding Applied Metrics

- Metric Terms
- Accelerating
- People-Reporting and Recording
- Integrating Process
- Technology Automation

Architecting and Planning for DevSecOps

- Architecture Basics
- Finding an Architect
- Reporting and Recording
- Environments Process
- Accelerating Decisions

Creating a DevSecOps Infrastructure

- What is Infrastructure
- Equipping the Team
- Design Challenges
- Monitoring Infrastructure

Establishing a Pipeline

- Pipelines and Workflows
- Engineers and Capabilities
- Continuous Engagement
- Automate and Identify

Observing DevSecOps Outcomes

- Observability vs. Monitoring
- Who gets which Report
- Setting Observation Points
- Implementing Observability

Practical 3rd Way Applications

- Revisiting 3rd Way
- Building Experiments
- Getting the Most from the Experiment

The Future of DevOps

- Looking Towards the Future
- Staying Trained
- Innovation
- What, and from Who

Post-Class Assignments/Exercises

- Extended advanced reading associated with Case Stories from the course

Additional Course Details

Nexus Humans DevSecOps Practitioner (DevOps Institute) 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 DevSecOps Practitioner (DevOps Institute) 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 DevSecOps Practitioner (DevOps Institute)?

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

Q: What certification does this course prepare me for?

The DevSecOps Practitioner (DevOps Institute) course helps prepare you for the DevSecOps Practitioner certification path.

Q: How many CPD hours does this course provide?

The 3-day DevSecOps Practitioner (DevOps Institute) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the DevSecOps Practitioner (DevOps Institute) training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for DevSecOps Practitioner (DevOps Institute)?

Yes, we provide corporate training, dedicated training, and closed classes for DevSecOps Practitioner (DevOps Institute). 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 DevSecOps Practitioner (DevOps Institute)?

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 **PENPAL5** when booking your DevSecOps Practitioner (DevOps Institute) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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