

DevOps Engineering on AWS

Category: AWS | **Vendor:** Amazon

Duration: 24.00 hours (3 days)

19.5 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

DevOps Engineering on AWS teaches you how to use the combination of DevOps cultural philosophies, practices, and tools to increase your organization's ability to develop, deliver, and maintain applications and services at high velocity on AWS. This course covers Continuous Integration (CI), Continuous Delivery (CD), infrastructure as code, microservices, monitoring and logging, and communication and collaboration. Hands-on labs give you experience building and deploying AWS CloudFormation templates and CI/CD pipelines that build and deploy applications on Amazon Elastic Compute Cloud (Amazon EC2), serverless applications, and container-based applications. Labs for multi-pipeline workflows and pipelines that deploy to multiple environments are also included.

About This Course

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Who Should Attend

This course is intended for:

DevOps engineers

DevOps architects

Operations engineers

System administrators

Developers

Learning Outcomes

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

In this course, you will learn to:

Use DevOps best practices to develop, deliver, and maintain applications and services at high velocity on AWS

List the advantages, roles and responsibilities of small autonomous DevOps teams

Design and implement an infrastructure on AWS that supports DevOps development projects

Leverage AWS Cloud9 to write, run and debug your code

Deploy various environments with AWS CloudFormation

Host secure, highly scalable, and private Git repositories with AWS CodeCommit

Integrate Git repositories into CI/CD pipelines

Automate build, test, and packaging code with AWS CodeBuild

Securely store and leverage Docker images and integrate them into your CI/CD pipelines

Build CI/CD pipelines to deploy applications on Amazon EC2, serverless applications, and container-based applications

Implement common deployment strategies such as “all at once,” “rolling,” and “blue/green”

Integrate testing and security into CI/CD pipelines

Monitor applications and environments using AWS tools and technologies

Additional Course Details

Nexus Humans DevOps Engineering on AWS 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 DevOps Engineering on AWS 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 DevOps Engineering on AWS?

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 3-day DevOps Engineering on AWS 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 DevOps Engineering on AWS 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 DevOps Engineering on AWS?

Yes, we provide corporate training, dedicated training, and closed classes for DevOps Engineering on AWS. 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 DevOps Engineering on AWS?

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 DevOps Engineering on AWS 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

 Email: info@nexushuman.com

 Website: www.nexushuman.com

 Phone: +353 1 XXX XXXX (Ireland) | +44 20 XXXX XXXX (UK)