

# Amazon Web Services – DevOps Engineering on AWS

## AWS Certified DevOps Engineer – Professional

### (DevOps Engineering on AWS)



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### About this Course:

DevOps Engineering on AWS demonstrates how to use the most common DevOps patterns to develop, deploy and maintain applications on AWS. The course covers the core principles of the DevOps methodology and examines a number of use cases applicable to startup, small-medium business, and enterprise development scenarios.

### Course Goals/Skills:

- Use the principal concepts and practices behind the DevOps methodology
- Design and implement an infrastructure on AWS that supports one or more DevOps development projects
- Use AWS CloudFormation and AWS OpsWorks to deploy the infrastructure necessary to create development, test, and production environments for

- a software development project
  - Use AWS CodeCommit and understand the array of options for enabling a Continuous Integration environment on AWS
  - Use AWS CodePipeline to design and implement a Continuous Integration and Delivery pipeline on AWS
  - Implement several common Continuous Deployment use cases using AWS technologies, including blue/green deployment and A/B testing
  - Distinguish between the array of application deployment technologies available on AWS (including AWS CodeDeploy, AWS Opsworks, AWS Elastic Beanstalk, Amazon EC2 Container Service, and Amazon EC2 Container Registry), and decide which technology best fits a given scenario
  - Fine-tune the applications you deliver on AWS for high performance and use AWS tools and technologies to monitor your application and environment for potential issues
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## **Audience:**

- System Administrators
  - Software Developer
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## **Course Format:**

<input type="checkbox"/>	<input type="checkbox"/>
<b>Присъствен (Classroom) Курс в Учебната ни зала или В Офис на Клиент</b>	<b>Онлайн (Online/Virtual) Курс във виртуална зала с инструктор</b>

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## **Course Language Option:**

<input type="checkbox"/>	<input type="checkbox"/>
<b>Български (Bulgarian)</b>	<b>Английски (English)</b>

You can choose the language in which the training will be conducted – Bulgarian or English. All our instructors are fluent in English.

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## **Student Guides:**



The training materials are available in electronic format. They can be used online / offline on any device. Lifetime access.

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## Lab Environment:



Each student has their own lab environment where the exercises are conducted, part of the course. You do not need to install software on a computer or special hardware requirements.

Participants in a face-to-face format in our Training Center have an individual computer during the training.

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## At Course Completion:

<b>Lifetime Access - Video Archive 24/7</b>	<b>Certificate of Course Completion</b>

Lifetime access to a video archive with recording of each individual lecture.

Official internationally recognized certificate for completed training course.

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## Course Duration:



- 3 working days (09:00 – 17:00)  
or

- 24 hours training (theory and practice) in non-working hours lasting 3 weeks  
Saturday and Sunday 10:00 – 14:00, 14:00 – 18:00, 18:00 – 22:00  
Monday and Wednesday 19:00 – 23:00  
Tuesday and Thursday 19:00 – 23:00
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## Payments :



An application for an invoice is accepted at the time of enrollment in the respective course.

An invoice is issued within 7 days of confirming the payment.

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## Next Class :

### ■ Notice

There are no upcoming events.

For more information, use the contact format. We will contact you to confirm the data.

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# Prerequisites:

- [SysOps on AWS](#)
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**The course prepares for the following certification levels:**

- **AWS Certified Solutions Architect – Professional**
- **Exam Voucher Included**