



DevOps Engineering on AWS

Code: AWS-DEV-OPS

Length: 3 days

URL: [View Online](#)

Prerequisite Courses

Developer - Developing on AWS

[View Details](#)

Operations - Systems Operations on AWS

[View Details](#)

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 and medium-sized business, and enterprise development scenarios.

Skills Gained

This course is designed to teach you how to:

- 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

Who Can Benefit

This course is intended for:

- System Administrators
- Software Developers
- Anyone looking to become a DevOps practitioner

Course Details

Day 1

- Introduction to DevOps
- AWS Command Line Interface
- Introduction to DevSecOps
- Deployment Strategies and Developer Tools

Day 2

- Infrastructure as Code
- Deep Dive into Developer Tools
- Automated Testing on AWS

Day 3

- Configuration Management
- AMI Building and Amazon EC2 Systems Manager
- Containers: Docker and ECS
- Customer Case Studies

Related Certifications

Authorized training from ExitCertified is created and maintained by the vendor who also creates the certification exams. While it may not be a requirement of certification to attend a vendor-authorized training class, doing so will put you in the best position to successfully complete the related exams. Start training and begin working towards one of the following certifications today.

Developer

AWS Certified DevOps Engineer - Professional

[View Certification arrow_forward](#)

[View All Certifications arrow_forward](#)

Follow-on Courses

Browse the suggested follow-on courses below and continue your training journey. We offer training in various learning formats, from instructor-led to virtual, so you can choose what works best for you. Get started by selecting a course to learn more.

DevOps - Running Container-Enabled Microservices on AWS

[View Details](#)

Cloud Native - CN100: Docker Containerization Essentials

[View Details](#)

Cloud Native - CN120: Kubernetes Application Essentials

[View Details](#)

Business Analysis - DevOps Foundations

[View Details](#)

Schedule (as of 1)

Date	Location		
Jan 18, 2022 - Jan 20, 2022	iMVP	GTR	Enroll
Feb 15, 2022 - Feb 17, 2022	iMVP	GTR	Enroll
Mar 8, 2022 - Mar 10, 2022	iMVP	GTR	Enroll
Apr 5, 2022 - Apr 7, 2022	iMVP	GTR	Enroll
Apr 26, 2022 - Apr 28, 2022	iMVP	GTR	Enroll
May 24, 2022 - May 26, 2022	iMVP	GTR	Enroll
Jun 14, 2022 - Jun 16, 2022	iMVP	GTR	Enroll
Dec 27, 2021 - Dec 29, 2021	McLean		Enroll
Dec 27, 2021 - Dec 29, 2021	iMVP		Enroll
Jan 18, 2022 - Jan 20, 2022	McLean		Enroll
Jan 18, 2022 - Jan 20, 2022	MVP Toronto		Enroll
Jan 18, 2022 - Jan 20, 2022	MVP Edison		Enroll
Jan 18, 2022 - Jan 20, 2022	MVP King of Prussia		Enroll
Jan 18, 2022 - Jan 20, 2022	MVP Ottawa		Enroll
Feb 1, 2022 - Feb 3, 2022	San Francisco		Enroll
Feb 1, 2022 - Feb 3, 2022	iMVP		Enroll
Feb 15, 2022 - Feb 17, 2022	McLean		Enroll
Feb 15, 2022 - Feb 17, 2022	MVP Toronto		Enroll
Feb 15, 2022 - Feb 17, 2022	MVP Edison		Enroll
Feb 15, 2022 - Feb 17, 2022	MVP King of Prussia		Enroll
Feb 15, 2022 - Feb 17, 2022	MVP Ottawa		Enroll
Mar 8, 2022 - Mar 10, 2022	McLean		Enroll
Mar 8, 2022 - Mar 10, 2022	MVP Toronto		Enroll
Mar 8, 2022 - Mar 10, 2022	MVP Edison		Enroll
Mar 8, 2022 - Mar 10, 2022	MVP King of Prussia		Enroll

Mar 8, 2022 – Mar 10, 2022	MVP Ottawa	Enroll
Mar 22, 2022 – Mar 24, 2022	San Francisco	Enroll
Mar 22, 2022 – Mar 24, 2022	iMVP	Enroll
Apr 5, 2022 – Apr 7, 2022	McLean	Enroll
Apr 5, 2022 – Apr 7, 2022	MVP Toronto	Enroll
Apr 5, 2022 – Apr 7, 2022	MVP Edison	Enroll
Apr 5, 2022 – Apr 7, 2022	MVP King of Prussia	Enroll
Apr 5, 2022 – Apr 7, 2022	MVP Ottawa	Enroll
Apr 26, 2022 – Apr 28, 2022	McLean	Enroll
Apr 26, 2022 – Apr 28, 2022	MVP Toronto	Enroll
Apr 26, 2022 – Apr 28, 2022	MVP Edison	Enroll
Apr 26, 2022 – Apr 28, 2022	MVP King of Prussia	Enroll
Apr 26, 2022 – Apr 28, 2022	MVP Ottawa	Enroll
May 10, 2022 – May 12, 2022	San Francisco	Enroll
May 10, 2022 – May 12, 2022	iMVP	Enroll
May 24, 2022 – May 26, 2022	McLean	Enroll
May 24, 2022 – May 26, 2022	MVP Toronto	Enroll
May 24, 2022 – May 26, 2022	MVP Edison	Enroll
May 24, 2022 – May 26, 2022	MVP King of Prussia	Enroll
May 24, 2022 – May 26, 2022	MVP Ottawa	Enroll
Jun 14, 2022 – Jun 16, 2022	McLean	Enroll
Jun 14, 2022 – Jun 16, 2022	MVP Toronto	Enroll
Jun 14, 2022 – Jun 16, 2022	MVP Edison	Enroll
Jun 14, 2022 – Jun 16, 2022	MVP King of Prussia	Enroll
Jun 14, 2022 – Jun 16, 2022	MVP Ottawa	Enroll

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