

## Training Partner

Training partner of the year 2019

AMERICAS

# Systems Operations on AWS

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<b>Code:</b>	AWS-SYS-OPS
<b>Length:</b>	3 days
<b>URL:</b>	<a href="#">View Online</a>

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## Prerequisite Courses

### Essentials for Getting Started - AWS Technical Essentials

[View Details](#)

System Operations on AWS is designed to teach those in a Systems Administrator or Developer Operations (DevOps) role how to create automatable and repeatable deployments of networks and systems on the AWS platform. The course covers the specific AWS features and tools related to configuration and deployment, as well as common techniques used throughout the industry for configuring and deploying systems.

## Skills Gained

This course is designed to teach you how to:

- Use standard AWS infrastructure features such as Amazon Virtual Private Cloud (VPC), Amazon Elastic Compute Cloud (EC2), Elastic Load Balancing, and Auto Scaling from the command line
- Use AWS CloudFormation and other automation technologies to produce stacks of AWS resources that can be deployed in an automated, repeatable fashion
- Build functioning virtual private networks with Amazon VPC from the ground up using the AWS Management Console
- Deploy Amazon EC2 instances using command line calls and troubleshoot the most common problems with instances
- Monitor the health of Amazon EC2 instances and other AWS services
- Manage user identity, AWS permissions, and security in the cloud
- Manage resource consumption in an AWS account using tools such as Amazon CloudWatch, tagging, and Trusted Advisor
- Select and implement the best strategy for creating reusable Amazon EC2 instances
- Configure a set of Amazon EC2 instances that launch behind a load balancer, with the system scaling up and down in response to demand
- Edit and troubleshoot a basic AWS CloudFormation stack definition

# Who Can Benefit

This course is intended for:

- System Administrators
- Software Developers, especially those in a Developer Operations (DevOps) role

## Course Details

### Delivery Method

This course will be delivered through a mix of:

- Instructor-led Training (ILT)
- Hands-on Labs

### Day 1

- Understanding Systems Operations on AWS
- Tooling and Automation
- Computing (Servers)
- Computing (Scaling and Name Resolution)

### Day 2

- Computing (Containers and Serverless)
- Computing (Database Services)
- Networking
- Storage and Archiving

### Day 3

- Monitoring and Security
- Managing Resource Consumption
- Creating Automated and Repeatable Deployments

## 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.

Operations

AWS Certified SysOps Administrator - Associate

[View Certification](#)

[View All Certifications](#)

## 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 - DevOps Engineering on AWS**

[View Details](#)

## **Security - Security Engineering on AWS**

[View Details](#)

## **Architect - Advanced Architecting on AWS**

[View Details](#)

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