SYSTEM OPERATIONS ON AWS

Course Code: 4503

Learn to operate highly available and scalable infrastructure on the AWS platform.

In this 3-day System Operations on AWS course, you will learn how to configure, deploy, and manage operations on the AWS platform. Through live labs and hands-on exercises, you’ll build upon your existing knowledge of systems administration, cloud computing, and networking protocols such as TCP/IP or HTTP. This course focuses on common industry techniques and best practices used by AWS system administrators to help you utilize standard AWS infrastructure features such as Amazon Virtual Private Cloud (Amazon VPC), Amazon Elastic Compute Cloud (Amazon EC2), Elastic Load Balancing (ELB), and AWS Auto Scaling from the command line.

This training helps prepare you for the AWS Certified SysOps Administrator Associate-level exam, alongside real-world experience, studying and more.

Why take the System Operations on AWS course?

If you are currently a system administrator or operations manager, this course offers more in-depth networking skills and techniques needed for AWS. Since AWS is an increasingly popular cloud computing platform, those trained in AWS system operations can become invaluable for any company using cloud-based services, especially as an AWS Certified SysOps Administrator.

Why train with Global Knowledge?

As an AWS authorized worldwide training partner, you can trust that you’re learning the latest content developed by AWS when taking a class with Global Knowledge. We have more than 20 Authorized AWS Instructors (AAI) who not only have real-world experience, but also go through a rigorous process to validate their teaching expertise.

Excellent course material and the instructor nailed it with his knowledge and experience. One of the best trainings I have attended on AWS.

VENKATESWARA G.
The instructors for this course have a 94% overall satisfaction rate in our post-course survey.

Developed by Global Knowledge—Take our short quiz to assess your SysOps on AWS skills and determine where you should start your AWS skills journey.
Take The Quiz

What You’ll Learn

• 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 Needs to Attend

• Systems administrators
• Operations managers
• Individuals responsible for supporting operations on the AWS platform

Prerequisites
• Working knowledge of systems administration or software development
• Familiarity with cloud computing concepts
• Some experience with maintaining operating systems at the command line (shell scripting in Linux environments, cmd or PowerShell in Windows)
• Basic knowledge of networking protocols (TCP/IP, HTTP)
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| CLASSROOM LIVE | $2,665 CAD | 3 days |

Classroom Live Outline
1. System Operations on AWS Overview
2. Networking in the Cloud
3. Computing in the Cloud
4. Storage and Archiving in the Cloud
5. Monitoring in the Cloud
6. Managing Resource Consumption in the Cloud
7. Configuration Management in the Cloud
8. Creating Scalable Deployments in the Cloud
9. Creating Automated and Repeatable Deployments

This is an emerging technology course. Course outline is subject to change as needed.

Classroom Live Labs
This course allows you to test new skills and apply knowledge to your working environment through a variety of practical exercises
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VIRTUAL CLASSROOM LIVE  $2,665 CAD  3 days

Virtual Classroom Live Outline
1. System Operations on AWS Overview
2. Networking in the Cloud
3. Computing in the Cloud
4. Storage and Archiving in the Cloud
5. Monitoring in the Cloud
6. Managing Resource Consumption in the Cloud
7. Configuration Management in the Cloud
8. Creating Scalable Deployments in the Cloud
9. Creating Automated and Repeatable Deployments

This is an emerging technology course. Course outline is subject to change as needed.

Virtual Classroom Live Labs
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PRIVATE GROUP TRAINING 3 days

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Date created: 3/14/2020 7:02:21 AM
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