Cloud Operations on AWS (formerly Systems Operations)

Trainings-ID: AWSS01

Zum Seminar →

Das nehmen Sie mit

This course teaches systems operators and anyone performing cloud operations functions how to manage and operate automatable and repeatable deployments of networks and systems on AWS. You will learn about cloud operations functions, such as installing, configuring, automating, monitoring, securing, maintaining, and troubleshooting these services, networks, and systems. The course also covers specific AWS features, tools, and best practices related to these functions. The final day is an AWS Jam, a gamified event, with teams competing to score points by completing a series of challenges according to established best practices based on concepts covered in the course. You get to experience a wide range of AWS services in a series of real-world scenarios that represent common operational and troubleshooting tasks. The end result is developing, enhancing, and validating your skillsets in the AWS Cloud through real-world problem solving, exploring new services, features, and understanding how they interoperate.

In this course, you will learn to:

- Identify the AWS services that support the different phases of Operational Excellence, an AWS Well-Architected Framework pillar
- Manage access to AWS resources using AWS accounts and organizations and AWS Identity and Access Management (IAM)
- Maintain an inventory of in-use AWS resources by using AWS services, such as AWS Systems Manager, AWS CloudTrail, and AWS Config
- Develop a resource deployment strategy using metadata tags, Amazon Machine Images (AMIs), and AWS Control Tower to deploy and maintain an AWS cloud environment

- Automate resource deployment by using AWS services, such as AWS CloudFormation and AWS Service Catalog

- Use AWS services to manage AWS resources through CloudOps lifecycle processes, such as deployments and patches

- Configure a highly available cloud environment that uses AWS services, such as Amazon Route 53 and Elastic Load Balancing, to route traffic for optimal latency and performance

- Configure AWS Auto Scaling and Amazon EC2 Auto Scaling to scale out your cloud environment based on demand

- Use Amazon CloudWatch and associated features, such as alarms, dashboards, and widgets, to monitor your cloud environment

- Manage permissions and track activity in your cloud environment by using AWS services, such as AWS CloudTrail and AWS Config

- Deploy your resources to an Amazon Virtual Private Cloud (Amazon VPC), establish necessary connectivity to your Amazon VPC, and protect your resources from disruptions of service

- State the purpose, benefits, and appropriate use cases for mountable storage in your AWS Cloud environment

- Explain the operational characteristics of object storage in the AWS Cloud, including Amazon Simple Storage Service (Amazon S3) and Amazon S3 Glacier • Build a comprehensive cost model to help gather, optimize, and predict your cloud costs by using services such as AWS Cost Explorer and the AWS Cost & Usage Report

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Zielgruppen

- System administrators and operators who are operating in the AWS Cloud
- Informational technology workers who want to increase their cloud operations knowledge

Wichtige Informationen

Dieses Seminar dient zur Vorbereitung auf die Prüfung AWS Certified SysOps Administrator – Associate, die zum Status AWS Certified SysOps Administrator – Associate führt.

Wir weisen darauf hin, dass für ein erfolgreiches Absolvieren des Examens mindestens ein Jahr praktische Erfahrung mit AWS-Technologie empfohlen wird.

Termine & Optionen

Datum	Dauer	Ort	Angebot	Preis
10.03.2025–12.03.2025	3 Tage	Wien	Trainingspreis (Vor Ort)	€ 2.020,–
10.03.2025–12.03.2025	3 Tage	Wien	Trainingspreis (Online)	€ 2.020,–
04.08.2025–06.08.2025	3 Tage	Wien	Trainingspreis (Vor Ort)	€ 2.020,–
04.08.2025–06.08.2025	3 Tage	Wien	Trainingspreis (Online)	€ 2.020,–
20.10.2025–22.10.2025	3 Tage	Wien	Trainingspreis (Vor Ort)	€ 2.020,–
20.10.2025–22.10.2025	3 Tage	Wien	Trainingspreis (Online)	€ 2.020,–