

# Cloud Operations on AWS (formerly Systems Operations) with AWS Jam (AWSSYS-AWS-JAM)

ID AWSSYS-AWS-JAM Price CHF 3,090.—(excl. VAT) Duration 4 days

## Who should attend

This course is intended for:

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

## Prerequisites

We recommend that attendees of this course have:

- Successfully completed the [AWS Technical Essentials \(AWSE\)](#) course
- A background in software development or systems administration
- Proficiency in maintaining operating systems at the command line, such as shell scripting in Linux environments or cmd/PowerShell in Windows
- Basic knowledge of networking protocols (TCP/IP, HTTP)

## Course Objectives

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

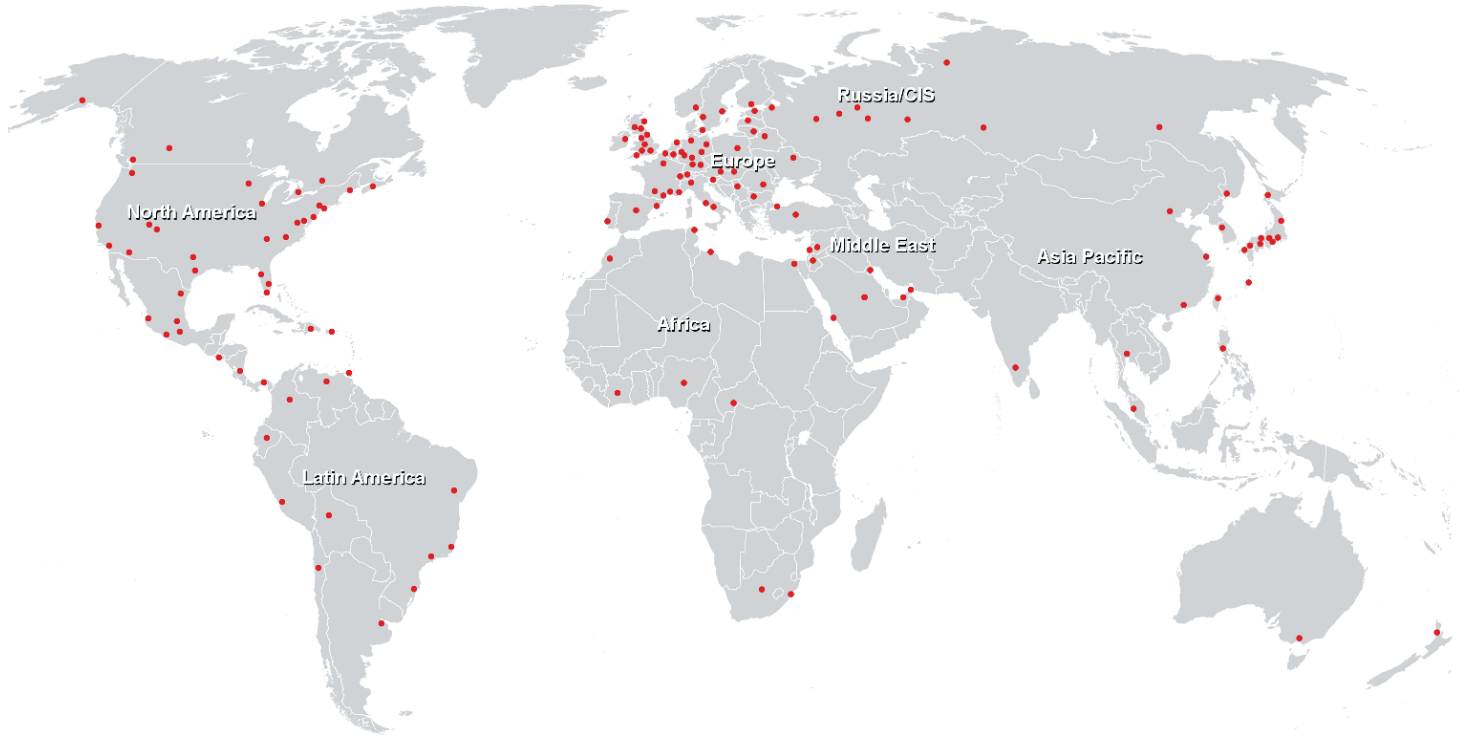
- Configure a highly available cloud environment that uses AWS services, such as Amazon Route 53 and Elastic Load Balancing, to route traffic for optimal latency and performance
- Configure AWS Auto Scaling and Amazon EC2 Auto Scaling to scale out your cloud environment based on demand

## Course Content

- Introduction to Cloud Operations on AWS
- Access Management
- System Discovery
- Deploy and Update Resources
- Automate Resource Deployment
- Manage Resources
- Configure Highly Available Systems
- Automate Scaling
- Monitor and Maintain System Health
- Data Security and System Auditing
- Operate Secure and Resilient Networks
- Mountable Storage
- Object Storage
- Cost Reporting, Alerts, and Optimization
- AWS Jam

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## Training Centres worldwide



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