Amazon AWS exam prep workshop - AWS Certified SysOps Administrator Training

Duration: **2 Day**

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This exam preparation workshop is designed to help learners prepare for the**AWS Certified SysOps Administrator** exam.

The course focuses on key areas such as deploying, managing, and operating workloads on AWS; implementing security controls and compliance requirements; using both the AWS Management Console and AWS Command Line Interface (CLI); and working with AWS networking and security services.

The programme combines instructor-led theory, structured topic reviews, knowledge-check questions, and hands-on practice in a dedicated **AWS sandbox environment**. This approach helps participants strengthen their technical knowledge while becoming more comfortable with the types of scenarios they may encounter in the certification exam.

Learners also receive **one month of access to the Cloud Academy platform** , providing additional learning resources and practice exams to support continued preparation after the workshop.

Prerequisites

Participants should already be preparing for the AWS Certified SysOps Administrator exam.

They should also have either:

- Attended the official **Cloud Operations on AWS** course, or
- Gained equivalent knowledge and experience

Training Outline

Day 1

Compute

- Amazon EC2
- EC2 Image Builder
- Auto Scaling
- Elastic Load Balancing
- AWS Lambda
- Question review

Storage

- Amazon S3
- EC2 Instance Storage
- Amazon EBS
- Amazon EFS
- Amazon FSx

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- AWS Storage Gateway
- AWS Backup
- AWS DataSync
- AWS Transfer Family
- Question review

Networking

- AWS Global Infrastructure
- VPC
- EC2 Enhanced Networking
- VPN and Direct Connect
- VPC Endpoints
- AWS Global Accelerator
- Amazon Route 53
- Amazon CloudFront
- Question review

Databases

- Amazon RDS
- Amazon DynamoDB
- Amazon ElastiCache
- Question review

Automation & Optimization

- Disaster Recovery
- Amazon Simple Queue Service (SQS)
- Amazon Simple Notification Service (SNS)
- AWS CloudFormation
- AWS Tools and SDKs
- AWS CLI
- Question review

Day 1 Review and Day 2 Preview

- Review of the main topics covered during Day 1
- Preparation for the subjects covered on Day 2

Day 2

Hands-on Lab Challenge

- ELB Application Load Balancer Challenge

Monitoring & Reporting

- Amazon CloudWatch
- Amazon EventBridge
- AWS CloudTrail

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- AWS Config
- AWS Logging
- AWS Service Catalog
- AWS License Manager
- AWS Health Dashboard
- Cost Management
- AWS Systems Manager
- Amazon OpenSearch Service
- Question review

Hands-on Lab Challenge

- Amazon CloudWatch Metric Filtering Challenge

Security & Compliance

- AWS Identity and Access Management (IAM)
- IAM Identity Center
- Amazon Cognito
- Identity Federation
- AWS KMS
- AWS CloudHSM
- AWS Secrets Manager
- AWS Organizations
- AWS Control Tower
- AWS WAF
- AWS Firewall Manager
- AWS Shield
- AWS Certificate Manager
- Amazon GuardDuty
- Amazon Detective
- AWS Security Hub
- Amazon Inspector
- Question review

Exam Question Techniques

- Techniques for breaking exam questions into manageable parts
- Identifying important clues and requirements within each question
- Reviewing a range of different exam question types
- Developing a more structured and effective approach to answering certification questions