Training: AWS
AWS Certified CloudOps Engineer - Associate (SOA-C03) Exam

TRAINING GOALS:

AWS Certified CloudOps Engineer - Associate (formerly known as AWS Certified SysOps Administrator - Associate) validates skills and knowledge in monitoring and maintaining AWS workloads, implementing security controls and networking concepts, performing business continuity procedures, and implementing cost and performance optimizations.

The exam also validates a candidate's ability to complete the following tasks:

- Support and maintain AWS workloads according to the AWS Well-Architected Framework.
- Perform operations by using the AWS Management Console and the AWS CLI.
- Implement security controls to meet compliance requirements.
- Monitor, log, and troubleshoot systems.
- Apply networking concepts (for example, DNS, TCP, IP, firewalls).
- Implement architectural requirements (for example, high availability, performance, capacity).
- Perform business continuity and disaster recovery procedures.
- Identify, classify, and remediate incidents.

The target candidate should have 1 year of experience with deployment, management, troubleshooting, networking, and security on AWS. The target candidate also should have at least 1 year of experience in a related operations role such as system administrator.

Recommended general IT knowledge and experience

The target candidate should have the following general IT knowledge and experience:

- Techniques for monitoring, logging, and troubleshooting
- Networking concepts (for example, DNS, TCP, IP, firewalls)
- Implementation of architectural requirements (for example, high availability, performance, capacity)
- Familiarity with at least one scripting language

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- Familiarity with at least one major operating system
- Understanding of cloud computing
- Containerization and orchestration basics
- Understanding of continuous integration and continuous delivery (CI/CD) and Git

Recommended AWS knowledge and experience

The target candidate should have the following AWS knowledge:

- The AWS Well-Architected Framework
- AWS storage and container solutions
- AWS monitoring tools
- How to use the AWS Management Console, the AWS CLI, infrastructure as code (IaC) solutions, and AWS CloudFormation
- AWS networking and security services
- How to implement AWS security controls and compliance requirements
- Cloud financial management
- Operations within hybrid and multi-VPC environments
- AWS database services (for example, Amazon RDS, Amazon DynamoDB, Amazon ElastiCache)
- AWS compute services (for example, Amazon EC2, AWS Lambda, Amazon Elastic Container Service [Amazon ECS])

Domains & Competencies

Domain 1: Monitoring, Logging, Analysis, Remediation, and Performance Optimization

Domain 2: Reliability and Business Continuity

Domain 3: Deployment, Provisioning, and Automation

Domain 4: Security and Compliance

Domain 5: Networking and Content Delivery

Detailed described domains, list of specific tools and technologies that might be covered on the exam, as well as lists of in-scope AWS services
https://d1.awsstatic.com/onedam/marketing-channels/website/aws/en_US/certification/approved/pdfs/docs-cloudops-associate/AWS-Certified-CloudOps-Engineer-Associate_Exam-Guide.pdf

Exam overview

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Level: Associate

Length: 130 minutes to complete the exam

Cost: 150 USD

Visit Exam pricing for additional cost information.

Format: 65 questions; either multiple choice or multiple response

Delivery method: Pearson VUE testing center or online proctored exam

Difficulty level



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