

Exam Prep: AWS Certified SysOps Administrator - Associate

AWS Classroom Training

Course description

In this intermediate-level course, you'll learn how to assess your preparedness for the AWS Certified SysOps Administrator - Associate exam. The AWS Certified SysOps Administrator - Associate certification validates technical expertise in deployment, management, security, and operations in the AWS Cloud. You'll explore the exam's topic domains and learn how they map to both SysOps on AWS and specific areas of study. You'll also review sample certification questions and learn strategies for identifying incorrect responses by interpreting the concepts being tested in the exam.

- Course level: Intermediate
- Duration: 8 hours

Activities

This course includes videos by expert instructors, who deliver presentations and review sample questions. Practice question sets and labs

Course objectives

After completing this course, you should be able to:

- Identify how questions on the AWS Certified SysOps Administrator – Associate exam relate to concepts about SysOps on AWS
- Interpret the concepts that are being tested by an AWS Certification exam question
- Apply best practices for allocating your time when you study for the AWS Certified SysOps Administrator – Associate exam

Intended audience

This course is intended for systems administrators and systems operators who are preparing to take the AWS Certified SysOps Administrator – Associate exam.

Prerequisites

We recommend that attendees of this course have:

- At least 1 year of hands-on experience provisioning, operating, and maintaining systems that run on AWS
- Completed the System Operations on AWS course (or have equivalent knowledge)

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Course outline

Module 1: Deployment, Provisioning, and Automation

- Provision and maintain cloud resources
- Automate manual or repeatable processes
- Item walkthrough

Practice Question set: Deployment, Provisioning, and Automation

Module 2: Monitoring, Logging, and Remediation

- Implement metrics, alarms, and filters by using AWS monitoring and logging services
- Remediate issues based on monitoring and availability metrics
- Item walkthrough

Practice Question set: Monitoring, Logging, and Remediation

Module 3: Reliability and Business Continuity

- Implement scalability and elasticity
- Implement high availability and resilient environments
- Implement backup and restore strategies
- Item walkthrough

Practice Question set: Reliability and Business Continuity

Module 4: Networking and Content Delivery

- Implement networking features and connectivity
- Configure domains, DNS services, and content delivery
- Troubleshoot network connectivity issues
- Item walkthrough

Practice Question set: Networking and Content Delivery

Module 5: Security and Compliance

- Implement and manage security and compliance policies
- Implement data and infrastructure protection strategies
- Item walkthrough

Practice Question set: Security and Compliance

Module 6: Cost and Performance Optimization

- Implement cost optimization strategies
- Implement performance optimization strategies
- Item walkthrough

Practice Question set: Cost and Performance Optimization

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Practical Lab Exercise: Automating and Monitoring

Practical Lab Exercise: Simple Storage Service (S3)