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AWS

AWS Certified Solutions SysOps Administrator (Associate)

Validate your technical skills and
grow your career.

An AWS Certified Solutions SysOps Administrator (Associate) is in charge of managing, operating and using systems on the AWS platform.

In addition, they are also in charge of caring for the AWS infrastructure company and handling finances.

Why Take The AWS Certified Solutions SysOps Administrator (Associate) Course?

Your certification places you at the front of the line.

Passing the exam will allow you to attain an industry-recognized merit from AWS that says: **you know what you're doing**. It proves to your employer that you have the necessary skills and knowledge to earn top dollar when you work for them.

Increase My Salary

- In 2019, the average starting salary of an AWS SysOps Administrator (Associate) was around \$130,500.

Be Part Of The Team

- Troubleshoot application deployments, find resolutions to problems at their root
- Write tutorials and how to videos for internal and customer communities.



Abilities Validated By The Certification:

- Expand, manage, and operate scalable, highly available, and fault-tolerant systems on AWS
- Carry out and control the flow of data to and from AWS
- Select the appropriate AWS service based on compute, data, or security requirements
- Identify appropriate use of AWS operational best practices
- Estimate AWS usage costs and identify operational cost control mechanisms
- Migrate on-premises workloads to AWS

Recommended Knowledge & Experience:

- Awareness of the AWS tenets - architecting for the cloud
- Firsthand experience with the AWS CLI and SDKs/API tools
- Awareness of network technologies as they relate to AWS
- Awareness of security concepts with hands-on experience in executing security controls and compliance requirements
- Awareness of virtualization technology
- Observation and auditing systems experience
- Grasp of networking concepts (e.g., DNS, TCP/IP, and firewalls)
- Ability to translate architectural requirements

Scoring:

- Domain 1: Monitoring and Reporting 22%
- Domain 2: High Availability 8%
- Domain 3: Deployment and Provisioning 14%
- Domain 4: Storage and Data Management 12%
- Domain 5: Security and Compliance 18%
- Domain 6: Networking 14%
- Domain 7: Automation and Optimization 12%

Exam Topics:

AWS Certified SysOps Administrator - Associate (SOA-C01)

Domain 1: Monitoring and Reporting

- 1.1 Create and maintain metrics and alarms utilizing AWS monitoring services
- 1.2 Recognize and differentiate performance and availability metrics
- 1.3 Perform the steps necessary to remediate based on performance and availability metrics



Domain 2: High Availability

- 2.1 Implement scalability and elasticity based on use case
- 2.2 Recognize and differentiate highly available and resilient environments on AWS

Domain 3: Deployment and Provisioning

- 3.1 Identify and execute steps required to provision cloud resources
- 3.2 Identify and remediate deployment issues

Domain 4: Storage and Data Management

- 4.1 Create and manage data retention
- 4.2 Identify and implement data protection, encryption, and capacity planning needs

Domain 5: Security and Compliance

- 5.1 Implement and manage security policies on AWS
- 5.2 Implement access controls when using AWS
- 5.3 Differentiate between the roles and responsibility within the shared responsibility model

Domain 6: Networking

- 6.1 Apply AWS networking features
- 6.2 Implement connectivity services of AWS
- 6.3 Gather and interpret relevant information for network troubleshooting

Domain 7: Automation and Optimization

- 7.1 Use AWS services and features to manage and assess resource utilization
- 7.2 Employ cost-optimization strategies for efficient resource utilization
- 7.3 Automate manual or repeatable process to minimize management overhead

Prepare for your exam:

The best way to prepare is with first-hand experience. Taking advantage of the opportunities that Phoenix TS provides will assist you with gathering all the knowledge and skills you'll need for certification.

Phoenix TS AWS Certified Solutions SysOps Administrator - Learning Pathways



• **AWS Technical Essentials Training**

Course Overview Our 1-day, instructor-led, AWS Technical Essentials Training course introduces you to AWS products, services, and common solutions. This AWS Technical Essentials course provides you with fundamentals to become more proficient in identifying AWS services so that you can make informed decisions about IT solutions based on your business requirements and get started working [...]

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• **System Operations on AWS Certification Training**

Course Overview Our 3 day, instructor-led, Systems Operations on AWS Certification Training course is designed to teach those in a Systems Administrator or Developer Operations (DevOps) role how to create automatable and repeatable deployments of networks and systems on the AWS platform. The course covers the specific AWS features and tools related to configuration and [...]

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1 - https://www.globalknowledge.com/us-en/resources/resource-library/articles/top-paying-certifications/?utm_source=Sales-Enablement&utm_medium=White-Paper&utm_campaign=&utm_content=Top-Paying-Certs



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Exam Details

- Multiple choice, multiple answers
- Testing in person or online proctored exam
- 130 Min to take the test
- \$150 test fee
- Available in English, Japanese, Korean, and Simplified Chinese