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AWS

AWS Certified Solutions SysOps Administrator (Associate)

Validate your technical skills and grow your career.

Phoenix TS' AWS Certified SysOps Administrator Associate certification course explains deployment, management, and operations on AWS.

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**

  Start from scratch to learn the AWS technical framework. Beginners become familiar with products, services, and best practices.

  Click To Read More

- **Cloud Operations on AWS**

  Course Overview Our 3 day, instructor-led, Cloud Operations on AWS Certification Training course (formerly known as Systems Operations on AWS) teaches system administrators, operators, and anyone performing day-to-day operations in the AWS Cloud how to install, configure, automate, monitor, secure, maintain, and troubleshoot the services, networks, and systems on AWS necessary to support business applications. The [...]

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1 –
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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