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## AWS SysOps Administration Associate

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# AWS - SysOps Administrator Associate (SOA-C01)

## Course Overview:

The AWS Certified SysOps Administrator - Associate (SOA-C01) examination is intended for individuals who have technical expertise in deployment, management, and operations on AWS.

AWS SysOps certification training course will make you work with real-life projects and use cases to gain hands-on experience. SysOps Certification equips you with the skills that are required to become an AWS SysOps Admin professional.

AWS SysOps Administrator is mainly responsible for operating, managing, and deploying systems on the AWS platform. This AWS SysOps admin will be handling all kinds of operations on the AWS platform. You can also perform system operations using AWS SysOps and can also maintain and manage AWS infrastructure company.

## Course Outline

### 1. Monitoring and Reporting

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

### 2. High Availability

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

### 3. Deployment and Provisioning

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

### 4. Storage and Data Management

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

## 5. Security and Compliance

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

## 6. Networking

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

## 7. Automation and Optimization

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

### Prerequisites:

- 1–2 years of experience as a systems administrator in a systems operations role
- Understanding of virtualization technology
- Monitoring and auditing systems experience
- Knowledge of networking concepts (e.g., DNS, TCP/IP, and firewalls)
- Ability to translate architectural requirements

### Who Can attend:

- AWS Absolute Beginners. No prior AWS experience necessary
- Existing System Administrators
- Programmers interested in deploying applications on AWS

### Number of Hours: 30hrs

### Certification: AWS Certified SysOps Administrator – Associate (SOA-C01)

## **Key Features:**

- One to One Training
- Online Training
- Fastrack & Normal Track
- Resume Modification
- Mock Interviews
- Video Tutorials
- Materials
- Real Time Projects
- Virtual Live Experience
- Preparing for Certification

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