

CLOUD

ADVANCED

4 DAYS

AWS SysOps Administrator Associate

Build a strong foundation in operating and managing AWS workloads, covering core services, security, networking, and the AWS Well-Architected Framework. Learn how to deploy, monitor, automate, and secure cloud environments using both the AWS Console and CLI for reliable day to day operations.

Why AWS SysOps?

Improved Efficiency

AWS SysOps Administrators can help businesses optimize their AWS environment for efficiency, reducing costs and improving performance.

Better System Availability

AWS SysOps Administrators can design and implement highly available and fault-tolerant systems, minimizing downtime and ensuring that critical systems are always available.

Enhanced Security

AWS SysOps Administrators are trained in security and compliance, ensuring that businesses have secure and compliant systems.

Scalability

AWS SysOps Administrators can help businesses design and implement scalable systems, allowing businesses to rapidly scale up or down based on demand.

What you'll be able to do

- ✓ Experience deploying, managing, and operating workloads on AWS as well as implementing security controls and compliance requirements.
- ✓ Gain familiarity with using both the AWS Management Console and the AWS Command Line Interface (CLI).
- ✓ Gain a solid understanding of the AWS Well-Architected Framework as well as AWS networking and security services.
- ✓ Gain an understanding of the core AWS services such as compute, storage, networking, and security.
- ✓ Manage and monitor AWS resources, including automating processes and setting up alerts and notifications.

Who this is for

- System administrators DevOps engineers IT operations professionals Cloud architects Solutions architects Technical support engineers Project managers Network administrators Security engineers

Curriculum

01 Monitoring, Logging, and Remediation

- Implement metrics, alarms, and filters by using AWS monitoring and logging services
- Remediate issues based on monitoring and availability metrics
- Apply concepts with guided exercises and validation checks

02 Reliability and Business Continuity

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

03 Deployment, Provisioning, and Automation

- Provision and maintain cloud resources
- Automate manual or repeatable processes
- Apply concepts with guided exercises and validation checks

04 Security and Compliance

- Implement and manage security and compliance policies
- Implement data and infrastructure protection strategies
- Apply concepts with guided exercises and validation checks

05 Networking and Content Delivery

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

06 Cost and Performance Optimization

- Implement cost optimization strategies
- Implement performance optimization strategies
- Apply concepts with guided exercises and validation checks