

AWS SYSOPS ADMINISTRATOR ASSOCIATE CERTIFICATION

As per International Standards



UNICHROME

Unichrone Training **Advantages**

- ✓ 3 Day Interactive Instructor –led Online/Classroom or Group Training
- ✓ Course study materials designed by subject matter experts
- ✓ Mock Tests to prepare in a best way
- ✓ Highly qualified, expert & accredited trainers with vast experience
- ✓ Enrich with Industry best practices and case studies and present trends
- ✓ AWS SysOps Administrator Associate Training Course adhered with International Standards
- ✓ End-to-end support via phone, mail, and chat
- ✓ Convenient Weekday/weekend Aws SysOps Administrator Associate Training Course schedule



About Unichrone

- ✓ We are a professional training institute with an extensive portfolio of professional certification courses. Our training programs are meant for those who want to expand their horizons by acquiring professional certifications across the spectrum. We train small- and medium-sized organizations all around the world, including in USA, Canada, Australia, UK, Ireland and Germany.



Guaranteed Quality



Handpicked Trainers



Global Presence



Online Training Option

We've trained professionals across
global companies

PHILIPS

AXCESS
FINANCIAL PRODUCT MANAGEMENT

CLARIANT

AkerSolutions

WÜRTH

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ARASCO
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Importance of AWS SysOps Administrator Associate Training

- ✓ In the ever-evolving cloud computing market, AWS SysOps Administrator Associate Certification enhances the expertise of professionals in infrastructure optimization, maintenance, and system administration. This attestation calibrates professionals with crucial skills for implementing cloud initiatives. A Certification provides participants with important analytical and troubleshooting skills to implement the optimal operation of AWS resources.
- ✓ AWS SysOps Administrator Associate Certification Training provides exposure to a highly scalable Amazon web services cloud platform and its real-world scenarios. Furthermore, individuals can attain a sound understanding of provisioning and maintaining cloud resources. Professionals can acquire an improved level of understanding of automating manual and repeatable processes and scheduling automated tasks using AWS services. AWS SysOps Training deeply focuses on implementing security policies, troubleshooting, and validating AWS region and service.

ELIGIBILITY CRITERIA

- ✓ Aspirants need not meet any requirements to pursue AWS SysOps Administrator Associate Training Course. However, having prior knowledge is beneficial.

WHO SHOULD ATTEND

- ✓ Any individual who wants to gain skills to understand AWS can enroll in the AWS SysOps Administrator Associate Training course.

AWS SYSOPS ADMINISTRATOR ASSOCIATE CERTIFICATION ADVANTAGES



CERTIFIES
YOUR TALENT



HELPS
BUILDING
VALUES



GLOBAL
RECOGNITION



PERFECT
EXECUTION



BUILDS
CUSTOMER
LOYALTY



MORE
EMPLOYABILITY
OPTIONS

Syllabus of AWS SysOps Administrator Associate Training

Lesson 01 – Monitoring, Logging, and Remediation

1.	<p>Implement Metrics, Alarms, and Filters by Using AWS Monitoring and Logging Services</p> <ul style="list-style-type: none">• Identify, Collect, Analyse, and Export Logs• Collect Metrics and Logs Using the CloudWatch Agent• Create CloudWatch Alarms• Create Metric Filters• Create CloudWatch Dashboards• Configure Notifications
2.	<p>Remediate Issues Based on Monitoring and Availability Metrics</p> <ul style="list-style-type: none">• Troubleshoot or Take Corrective Actions Based on Notifications and Alarms• Configure Amazon Event Bridge Rules to Trigger Actions• Use AWS Systems Manager Automation Documents

Lesson 02 – Reliability and Business Continuity

1.	<p>Implement Scalability and Elasticity</p> <ul style="list-style-type: none">• Create and Maintain AWS Auto Scaling Plans• Implement Caching• Implement Amazon RDS Replicas and Amazon Aurora Replicas• Implement Loosely Coupled Architectures• Differentiate Between Horizontal Scaling and Vertical Scaling
2.	<p>Implement High Availability and Resilient Environments</p> <ul style="list-style-type: none">• Configure Elastic Load Balancer and Amazon Route 53 Health Checks• Differentiate Between the Use of a Single Availability Zone and Multi-AZ Deployments• Implement Fault-Tolerant Workloads• Implement Route 53 Routing Policies
3.	<p>Implement Backup and Restore Strategies</p> <ul style="list-style-type: none">• Automate Snapshots and Backups Based on Use Cases• Restore Databases• Implement Versioning and Lifecycle Rules• Configure Amazon S3 Cross-Region Replication• Execute Disaster Recovery Procedures

Syllabus of AWS SysOps Administrator Associate Training

Lesson 03 – Deployment, Provisioning, and Automation

1.	<p>Provision and Maintain Cloud Resources</p> <ul style="list-style-type: none">• Create and Manage AMIs• Create, Manage, and Troubleshoot AWS CloudFormation• Provision Resources Across Multiple AWS Regions and Accounts• Select Deployment Scenarios and Services• Identify and Remediate Deployment Issues
2.	<p>Automate Manual or Repeatable Processes</p> <ul style="list-style-type: none">• Use AWS Services• Implement Automated Patch Management• Schedule Automated Tasks by Using AWS Services

Lesson 04 – Security and Compliance

1.	<p>Implement and Manage Security and Compliance Policies</p> <ul style="list-style-type: none">• Implement IAM Features• Troubleshoot and Audit Access Issues by Using AWS Services• Validate Service Control Policies and Permissions Boundaries• Review AWS Trusted Advisor Security Checks• Validate AWS Region and Service Selections Based on Compliance Requirements
2.	<p>Implement Data and Infrastructure Protection Strategies</p> <ul style="list-style-type: none">• Enforce a Data Classification Scheme• Create, Manage, and Protect Encryption Keys• Implement Encryption at Rest and in Transit• Securely Store Secrets by Using AWS Services• Review Reports or Findings

Syllabus of AWS SysOps Administrator Associate Training

Lesson 05 – Networking and Content Delivery

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| 1. | <p>Implement Networking Features and Connectivity</p> <ul style="list-style-type: none">• Configure a VPC• VPC CIDR Block• Subnets• Elastic Network Interfaces• Features of Elastic Network Interfaces• Internet Gateway• Route Tables• VPC Security Groups• Network Access Control Lists (NACLs)• Difference Between SG and NACL• Network Address Translation• VPC Hands-On• Configure AWS Network Protection Services |
| 2. | <p>Configure Domains, DNS Services, and Content Delivery</p> <ul style="list-style-type: none">• Configure Route 53 Hosted Zones and Records• Implement Route 53 Routing Policies• Configure DNS• Configure Amazon CloudFront and S3 Origin Access Identity (OAI)• Configure S3 Static Website Hosting |
| 3. | <p>Troubleshoot Network Connectivity Issues</p> <ul style="list-style-type: none">• Interpret VPC Configurations• Collect and Interpret Logs |

Lesson 06 – Cost and Performance Optimisation

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| 1. | <p>Implement Cost Optimization Strategies</p> <ul style="list-style-type: none">• Implement Cost Allocation Tags• Identify and Remediate Underutilized or Unused Resources by Using AWS Services and Tools• Configure AWS Budgets and Billing Alarms• Identify Opportunities to Use Managed Services |
| 2. | <p>Implement Performance Optimisation Strategies</p> <ul style="list-style-type: none">• Recommend Compute Resources Based on Performance Metrics• Monitor Amazon EBS Metrics and Modify Configuration to Increase Performance Efficiency• Implement S3 Performance Features• Monitor RDS Metrics and Modify the Configuration to Increase Performance Efficiency• Enable Enhanced EC2 Capabilities |

Exam Format of AWS SysOps Administrator Associate Certification

Examination Format	
Exam Name	AWS SysOps Administrator Associate Exam
Exam Format	Multiple Choice
Total Questions & Duration	65 Questions, 130 minutes
Passing Score	Minimum passing score of 70%
Exam Cost	USD 150

To get you fully prepared with the knowledge and skills for AWS SysOps Administrator Associate, a training session at Unichrone gives immense importance to mock questions at the end of every module and problem-solving exercises within the session. Prepared by certified faculty, the practice tests are a true simulation of the AWS SysOps Administrator Associate exam.

Contact Us

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<https://unichrone.com/>

