

AWS SYSOPS

COURSE CURRICULUM



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+91 630 171 9270

AWS SYSOPS COURSE CURRICULUM

Module 1: Introduction to AWS SysOps

- Overview of SysOps Role
- Key Responsibilities in AWS Environment
- Understanding the AWS Management Ecosystem

Module 2: Compute Services

- Amazon EC2
- Amazon EC2 Auto Scaling
- AWS Auto Scaling
- AWS Lambda
- Amazon EC2 Image Builder

Module 3: Storage Services

- Amazon S3
- Amazon S3 Glacier
- Amazon EBS (Elastic Block Store)
- Amazon EFS (Elastic File System)
- Amazon FSx
- AWS Storage Gateway
- AWS Backup

Module 4: Database Services

- Amazon RDS
- Amazon Aurora
- Amazon DynamoDB
- Amazon ElastiCache

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Module 5: Networking and Content Delivery

- Amazon VPC
- Amazon Route 53
- Elastic Load Balancing (ELB)
- AWS Global Accelerator
- AWS Transit Gateway
- AWS VPN
- Amazon CloudFront

Module 6: Security, Identity & Compliance

- AWS Identity and Access Management (IAM)
- IAM Access Analyzer
- AWS Certificate Manager (ACM)
- AWS Secrets Manager
- AWS Directory Service
- Amazon GuardDuty
- AWS Shield
- AWS WAF
- Amazon Inspector
- Amazon Detective
- AWS Key Management Service (KMS)
- AWS Firewall Manager
- AWS Security Hub

Module 7: Monitoring, Logging & Governance

- Amazon CloudWatch
- AWS CloudTrail
- AWS Config
- AWS Compute Optimizer
- AWS Health Dashboard
- AWS License Manager
- AWS Systems Manager
- AWS Trusted Advisor
- AWS Service Catalog
- AWS Control Tower
- AWS Organizations
- AWS Management Console

Module 8: Developer Tools

- AWS CLI (Command Line Interface)
- AWS CloudFormation
- AWS Tools and SDKs

Module 9: Migration & Transfer Services

- AWS DataSync
- AWS Transfer Family

Module 10: Analytics & Messaging Services

- Amazon OpenSearch Service
- Amazon SNS (Simple Notification Service)
- Amazon SQS (Simple Queue Service)
- Amazon EventBridge

Module 11: Cloud Financial Management

- AWS Cost Explorer
- AWS Cost and Usage Report
- AWS Savings Plans

Hands-On Labs:

- EC2 launch & monitoring
- Auto Scaling configuration
- Backup & restore with S3 and Glacier
- IAM user/group/role setup
- Monitoring with CloudWatch

Tools Covered:

- AWS Console
- AWS CLI
- CloudFormation Templates
- CloudWatch Dashboards
- CloudTrail Logs

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Thank you



Thank You for Going Through AWS SysOps Curriculum
We hope this guide has provided a clear and structured learning path
to strengthen your skills in AWS SysOps.

NEXT STEPS

- Start practicing with real-world use cases and hands-on exercises
- Build personal or client-based projects for your portfolio
- Keep exploring updates and best practices in the industry
- Join discussions and stay connected with the community

 **Need Help or Guidance?**

Feel free to contact our course support team:
Course Coordinator

GS Infotekh

 **contact@gsinfotekh.com**

 **www.gsinfotekh.com**

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