



AWS Admin

Cloud Infrastructure Design, Deployment & Security

Build a solid foundation in AWS cloud administration — from core compute and storage services to networking, security, and cost optimisation. Hands-on labs get you comfortable provisioning and managing real infrastructure in the AWS Console and via Infrastructure as Code.

45-60	40+	8	10+	1:1
Days Duration	Hrs Live Training	Modules	Hands-on Labs	Mentor Support

Programme Fee

Contact for Fee Details

Flexible EMI options available

Batch materials, lab access, and practice exercises included.
Limited seats per batch — talk to us to know pricing & offers.

Who Should Attend

- System/network administrators moving to cloud
- Desktop support & infra engineers upskilling
- Freshers targeting cloud administrator roles
- Developers who need infra/deployment fundamentals

Curriculum Outline

Module 1: Cloud Computing & AWS Fundamentals

- Cloud models: IaaS, PaaS, SaaS and AWS global infrastructure
- AWS account setup, IAM users, groups, roles and policies
- AWS Free Tier, Billing Dashboard and cost basics

Module 2: Compute: EC2

- Launching and configuring EC2 instances
- AMIs, instance types, key pairs and security groups
- Auto Scaling Groups and Elastic Load Balancing

Module 3: Storage Services

- S3 buckets, storage classes and lifecycle policies
- EBS volumes and snapshots
- EFS for shared file storage

Module 4: Networking & VPC

- VPC design: subnets, route tables, internet & NAT gateways
- Security groups vs Network ACLs
- VPC peering and basic hybrid connectivity concepts

Module 5: Databases & Content Delivery

- RDS setup, backups and Multi-AZ basics
- Introduction to DynamoDB
- CloudFront for content delivery



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Module 6: Security, Identity & Compliance

- IAM best practices and least-privilege design
- AWS Shared Responsibility Model
- CloudTrail, GuardDuty and AWS Config basics

Module 7: Monitoring, Automation & Cost Optimisation

- CloudWatch metrics, alarms and dashboards
- Intro to Infrastructure as Code with CloudFormation
- Cost optimisation strategies and budgeting alerts

Module 8: Capstone Cloud Project

- Design and deploy a multi-tier application on AWS
- Apply security groups, auto-scaling and monitoring
- Project review and architecture walkthrough with mentor

Tools & Technologies

- AWS Management Console
- EC2, S3, VPC, RDS, IAM
- CloudWatch & CloudTrail
- CloudFormation (basics)
- AWS CLI

Learning Outcomes

- Provision and manage secure, scalable AWS infrastructure
- Design VPC networking for real-world applications
- Apply IAM and security best practices
- Monitor, automate and optimise cloud costs

Certification & Format

Includes an in-house project-based certificate of completion from Raphlasa, with curriculum aligned to AWS Certified SysOps Administrator / Solutions Architect – Associate exam topics. Delivered as instructor-led live online or in-person batches (Guntur), with weekday and weekend slots available.

Ready to enroll? Call/WhatsApp **+91 96667 72399** or email **info@raphlasa.com** to confirm your seat.