

# AWS DEVOPS

**Title:** AWS Fundamentals Training Program

**Duration:** 20 hours (20 days, 1 hour per day)

**Timings:** 8PM – 9PM

## Day 1-2: Introduction to Cloud Computing and AWS

- Overview of Cloud Computing
- Advantages of Cloud Computing
- Introduction to AWS
- AWS Global Infrastructure

## Day 3-4: AWS Management Console and Basic Services

- Accessing the AWS Management Console
- Understanding IAM (Identity and Access Management)
- Introduction to EC2 (Elastic Compute Cloud)
- Introduction to S3 (Simple Storage Service)

## Day 5-6: Compute Services

- Understanding EC2 Instances
- Launching and Managing EC2 Instances
- Introduction to AWS Lambda

## Day 7-8: Storage Services

- Exploring Amazon S3 (Simple Storage Service)
- Understanding EBS (Elastic Block Store)
- Overview of Amazon Glacier

## Day 9-10: Networking Services

- Introduction to VPC (Virtual Private Cloud)
- Understanding Subnets and Route Tables
- Overview of Amazon Route 53

## Day 11-12: Database Services

- Introduction to RDS (Relational Database Service)
- Understanding DynamoDB (NoSQL Database)
- Overview of Amazon Redshift



**Maruthi Technologies**

*Innovate Today, Inspire Tomorrow*

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## Day 13-14: Security and Compliance

- Understanding Security Groups and NACLs
- Overview of AWS Security Best Practices
- Introduction to AWS Compliance Programs

## Day 15-16: Monitoring and Management Services

- Overview of AWS CloudWatch
- Understanding AWS CloudTrail
- Introduction to AWS Trusted Advisor

## Day 17-18: Application Services

- Overview of AWS Lambda
- Introduction to AWS API Gateway
- Understanding AWS SQS (Simple Queue Service) and SNS (Simple Notification Service)

## Day 19-20: Best Practices and Next Steps

- Cost Optimization Best Practices

### Delivery Format:

- Instructor-led training sessions (virtual or in-person)
- Interactive discussions and Q&A sessions
- Hands-on labs and exercises
- Self-paced study materials and resources

### Prerequisites:

- Basic understanding of IT concepts



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