



# Amazon Web SERVICES Developer Training and Certification

Course Duration

**50 hrs**

Highly Experienced Trainer with  
10+ yrs Exp. in Industry

Realtime Projects, Scenarios & Assignments

## IAM



- IAM
- IAM Lab

## EC2

- EC2 101
- EC2 Lab
- How To Use Putty (Windows Users Only)
- Elastic Load Balancer
- Route 53 Lab
- CLI Demo Lab
- EC2 with S3 Role Lab
- How to Encrypt an EBS Volume Attached to EC2 Lab
- RDS 101
- RDS Lab
- RDS Multi-AZ and Read Replicas
- ElastiCache 101
- EC2 Summary

## S3

- S3
- S3 Security
- S3 Policies
- S3 Encryption

- Set Up Encryption On an S3 Bucket
- CORS Configuration Lab
- CloudFront
- CloudFront Lab
- S3 Performance Optimization
- S3 Performance Update
- S3 Summary

## Serverless Computing

- Serverless
- Lambda
- API Gateway
- Build a Simple Serverless Website with Route 53, API Gateway, Lambda and S3



- Version Control with Lambda
- Using Polly to Help Your Exam Lab – Part 1 & 2
- Make an Alexa Skill Lab
- Step Functions
- X-Ray
- Advanced API Gateway
- Serverless Summary

## DynamoDB

- Introduction to DynamoDB
- Creating a DynamoDB Table Lab
- Indexes Deepdive
- Scan vs Query API Call
- DynamoDB Provisioned Throughput
- DynamoDB Accelerator (DAX)
- ElastiCache

## KMS and Encryption on AWS

- KMS
- KMS API Calls
- KMS Envelope Encryption
- KMS Exam Tips

## Other AWS Services

- SQS
- Simple Notification Service
- SES vs SNS
- Kinesis
- Kinesis Lab
- ElasticBeanstalk

- Deploying Apps With ElasticBeanstalk
- Updating ElasticBeanstalk
- Advanced ElasticBeanstalk
- RDS & ElasticBeanstalk
- Other AWS Services Summary
- Other AWS Services Quiz

## Developer Model

- What is CI/CD?
- CodeCommit
- CodeCommit Lab
- CodeDeploy
- CodeDeploy Lab 1, 2 & 3
- CodePipeline
- CodePipeline Lab
- Advanced CodeDeploy the AppSpec File
- Docker and CodeBuild Lab 1 & 2
- Advanced IAM
- Web Identity Federation
- Cognito User Pools
- Inline Policies vs Managed Policies vs Custom Policies



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