AWS Certified Developer Associate 2024–NEW DVA–C02

The AWS Certified Developer Associate certification is one of the most challenging exams. It's great at assessing how well you understand not just AWS, but the new cloud paradigms such as Serverless, which makes this certification incredibly valuable to have and pass. !

آنچه خواهید آموخت

- The AWS Fundamentals: IAM, EC2, Load Balancing, Auto Scaling, EBS, Route 53, RDS, ElastiCache, S3
- The AWS CLI: CLI setup, usage on EC2, best practices, SDK, advanced usage
- Properly deploy an application: AWS Elastic Beanstalk, CICD, CodeCommit, CodePipeline, CodeBuild, CodeDeploy
- Infrastructure as code with AWS CloudFormation
- Monitoring, Troubleshooting & Audit: AWS CloudWatch, X–Ray, CloudTrail
- AWS Integration & Messaging: SQS, SNS, Kinesis
- AWS Serverless: AWS Lambda, DynamoDB, API Gateway, Cognito, Serverless Application Model (SAM)
- ECS, ECR & Fargate: Docker in AWS
- AWS Security best practices: KMS, Encryption SDK, SSM Parameter Store, IAM Policies
- AWS Other Services Overview: CloudFront, Step Functions, SWF, Redshift
- Tips to ROCK the exam

سرفصل ها

● Getting started with AWS

● IAM, AWS CLI

● EC2 Fundamentals

● EC2 Instance Storage

● AWS Fundamentals: ELB + ASG

● AWS Fundamentals: RDS + Aurora + ElastiCache

● Route 53

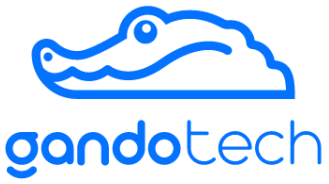● VPC Fundamentals

● Amazon S3 Introduction

- AWS CLI, SDK, IAM Roles , Policies

- Advanced Amazon S3

- Amazon S3 Security ● CloudFront

- ECS, ECR , Fargate – Docker in AWS

- AWS Elastic Beanstalk

- AWS CloudFormation

- AWS Integration , Messaging: SQS, SNS , Kinesis

- AWS Monitoring , Audit: CloudWatch, X–Ray and CloudTrail

- AWS Serverless: Lambda

- AWS Serverless: DynamoDB

- AWS Serverless: API Gateway

- AWS CICD: CodeCommit, CodePipeline, CodeBuild, CodeDeploy

- AWS Serverless: SAM – Serverless Application Model

- Cloud Development Kit (CDK)

- Cognito: Cognito User Pools, Cognito Identity Pools , Cognito Sync

- Other Serverless: Step Functions , AppSync

- Advanced Identity

- AWS Security , Encryption: KMS, Encryption SDK, SSM Parameter Store, IAM , STS

- AWS Other Services

- AWS Final Cleanup

- Preparing for the Exam – AWS Certified Developer Associate

- Congratulations – AWS Certified Developer Associat

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مخاطبان دوره

- Anyone wanting to acquire the knowledge to pass the AWS Certified Developer Associate Certification
- Developers who want to upskill themselves and understand how to leverage the AWS Cloud for their applications
- Developers who want to get up to speed with best practices on Serverless and AWS Cloud

پیش نیازها

- Know the basics of programming (functions, environment variables, CLI & JSON)
- No AWS cloud experience is necessary, we'll use the AWS Free Tier
- Windows / Linux / Mac OS X Machine