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Learning Style: On Demand

Technology: Amazon Web Services

Difficulty: Intermediate

Course Duration: 4 Hours

Amazon Web Services: Intermediate

Amazon Web Services
Compute

Elastic BeanStalk
with expert David Fraas

About this course:

Amazon Web Services: Intermediate is the second of the two course series on AWS fundamentals. This course covers more advanced concepts and enables the students to understand the different services offered by AWS in more detail. The topics covered under this course include AWS compute, databases, cloud services

and migration to AWS platform.

Amazon Web Services: Intermediate course is designed for candidates working in a system administrator, cloud architect or solution designing role in any organization. It covers the concepts of creating an automated, managed and optimized cloud with the compute, storage and database services of AWS. The course also covers the specific AWS features and tools related to configuration and deployment, as well as common techniques used throughout the industry for configuring and deploying systems.

The average salary for an AWS developer is **$100,000** per year

Course Objective:

- AWS Compute
- Database Options
- Cloud Services
- Data Migration

Audience:

- IT professionals involved in projects related to migrating existing workloads to the AWS cloud
- IT professionals working as solution architects and solution design engineers

Prerequisite:

- It is recommended, although not required, that the candidates enrolling in this course must have completed the Amazon Web Services: Basic course as the concepts taught in the Intermediate course are built on the topics covered in the Basic course.

Suggested prerequisite course:

Amazon Web Services: Basic

Course Outline:

Chapter 01 - AWS Compute

- **Topic A:** Auto Scaling - Part 1
- Auto Scaling - Part 2
- Auto Scaling - Part 3
- **Topic B:** Elastic Beanstalk - Part 1
- Elastic Beanstalk - Part 2
- Elastic Beanstalk - Part 3

- **Topic C:** Lambda - Part 1
- Lambda - Part 2
- Lambda - Part 3

Chapter 02 - Database Options

- **Topic A:** RDS Database - Part 1
- RDS Database - Part 2
- RDS Database - Part 3
- **Topic B:** DynamoDB - Part 1
- DynamoDB - Part 2
- DynamoDB - Part 3
- **Topic C:** ElastiCache - Part 1
- ElastiCache - Part 2
- ElastiCache - Part 3
- **Topic D:** Redshift - Part 1
- Redshift - Part 2
- Redshift - Part 3

Chapter 03 - Cloud Services

- **Topic A:** CloudFormation - Part 1
- CloudFormation - Part 2
- CloudFormation - Part 3
- **Topic B:** CloudWatch - Part 1
- CloudWatch - Part 2
- CloudWatch - Part 3
- **Topic C:** CloudTrail - Part 1
- CloudTrail - Part 2
- CloudTrail - Part 3

Chapter 04 - Data Migration

- **Topic A:** Application Discovery Service - Part 1
- Application Discovery Service - Part 2
- Application Discovery Service - Part 3
- **Topic B:** Database Migration Service - Part 1
- Database Migration Service - Part 2
- Database Migration Service - Part 3
- **Topic C:** Server Migration Service - Part 1
- Server Migration Service - Part 2
- Server Migration Service - Part 3
- **Topic D:** Snowball - Part 1
- Snowball - Part 2
- Snowball - Part 3

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