

Amazon Web Services: Intermediate

Modality: On Demand

Duration: 4 Hours

About this Course:

This intermediate-level training program is specifically designed for IT Professionals and Experts striving to learn the core concepts of Amazon Web Services. This course covers the advanced concepts of AWS Solutions and helps professionals develop a conceptual understanding of AWS's key features and functionalities. Professionals will be able to develop a sound knowledge of numerous AWS Services and can pursue a successful career as a Professional AWS Developer. On average, an AWS Developer earns \$100,000 annually.

This course is the second course in a series of two courses based on the fundamentals of AWS. This is a perfect course for professionals working as a Cloud Architect, System Administrator, and Solution Design Engineers. Professionals will learn the art of developing a Managed, Optimized, and Automated Compute Cloud and will get to know the basics needed to capitalize on the AWS Database and Storage Services. In addition to this, this course also covers the core concepts of AWS Solution and Systems Configuration and Deployment.

Course Objectives:

The core objective of this course is to help professionals gain a better knowledge and understanding of the following key concepts:

- The Essentials & Fundamentals of AWS Compute
- Core Concepts of Auto Scaling, Lambda, and Elastic Beanstalk
- Understanding Database Options
- Working with RDS, ElastiCache, Dynamo, and Redshift Databases
- Cloud Services Essentials including CloudFormation, CloudWatch, and CloudTrail
- Getting to Know Key Concepts of AWS Data Migration
- Application Discovery Service and Database & Server Migration Services
- Fundamentals of Snowball

Audience:

This course is tailored for the following group of professionals and interested candidates:

- IT Professionals & Experts
- Solution Architects
- Solution Design Engineers
- Professionals liable for AWS Cloud Data Migration

Prerequisites:

There are no obligatory prerequisites for the Amazon Web Services: Intermediate Course. However, it is highly recommended for candidates to complete Amazon Web Services: Basic Course before registering for this one. This course carries forward the concepts taught in the basic course and professionals need to have a conceptual understanding of the basic web services concepts.

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