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Learning Style: On Demand

Technology: Amazon Web Services

Difficulty: Intermediate

Course Duration: 7 Hours

AWS Solutions Architect Certification Associate Level Certification + Exam Bundle



About this Course:

Architecting on AWS covers the fundamentals of building IT infrastructure on AWS. The course is designed to teach solutions architects how to optimize the use of the AWS Cloud by understanding AWS services and how these services fit into cloud-based solutions. This course emphasizes AWS cloud best practices and recommended design patterns to help students think through the process of

architecting optimal IT solutions on AWS. Case studies throughout the course showcase how some AWS customers have designed their infrastructures and the strategies and services they implemented.

Course Objectives:

- Make architectural decisions based on the AWS-recommended architectural principles and best practices.
- Leverage AWS services to make your infrastructure scalable, reliable, and highly available.
- Leverage AWS managed services to enable greater flexibility and resiliency in an infrastructure.
- Make an AWS-based infrastructure more efficient in order to increase performance and reduce costs.
- Use the Well-Architected Framework to improve architectures with AWS solutions.

Audience:

This course is intended for:

- Solutions Architects
- Solution Design Engineers

Prerequisites:

We recommend that attendees of this course have the following prerequisites:

- Familiarity with general networking concepts
- Working knowledge of multi-tier architectures
- Familiarity with cloud computing concepts
- AWS Technical Essentials

Course Outline:

This Course Includes:

- Course Introduction
- Module 1: Architecting Fundamentals
- Module 2: Account Security
- Module 3: Networking Part -1
- Module 4: Compute
- Module 5: Storage
- Module 6: Database Services
- Module 7: Monitoring and Scaling
- Module 8: Automation
- Module 9: Containers
- Module 10: Networking Part - 2
- Module 11: Serverless

- Module 12: Edge Services
- Module 13: Backup and Recovery

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