







E-Learning COURSE OUTLINE

AWS Developer Associate Certification Training

-  High quality Content
-  Study Guides
-  Learning Videos
-  Practice Tests
-  Learning Support
-  Learn on any device





Syllabus

Lesson 1: AWS Overview

- Basic Concepts of Cloud Computing
- AWS Overview
- AWS Services
- Other AWS Services and Security
- Practice Assignment: AWS Fundamental Overview
- Quiz

Lesson 2: IAM Overview

- Basic Concepts of IAM
- IAM Terminology
- IAM Best Practices and Important Facts
- Access Keys and Security Credentials
- AWS Identity Federation
- Practice Assignment: Use IAM roles to access resources from different AWS accounts
- Quiz

Lesson 3: Amazon Elastic Compute Cloud (EC2)

- Basic Concepts of EC2
- EC2 Instance Creation Process
- EC2 Advanced Features
- Practice Assignment: EC2 Instance
- Quiz

Lesson 4: Simple Storage Service (S3)

- Basic Concepts of S3
- S3 Deep Dive
- Practice Assignment: Perform Amazon S3 bucket operations
- Quiz

Lesson 5: AWS DB Services

- Basic Concepts of RDS
- RDS Backups and Replicas
- RDS Management and Maintenance
- Other Database Services
- Practice Assignment: AWS DB Services
- Quiz

Lesson 6: AWS DynamoDB

- Basic Concepts of DynamoDB
- Capacity and Throughput Management
- Access Control and Data Migration
- Practice Assignment: Amazon DynamoDB
- Quiz



Syllabus

Lesson 7: AWS Application Services

- Basic Concepts of SQS
- SQS – Deep Dive
- Simple Notification Service – Overview
- Other Application Services – Overview
- Practice Assignment: AWS Application

Services

- Quiz

Lesson 8: Cost Management

- Practice Assignment: Cost Management
- Quiz

Lesson 9: Management Tools, Lambda, and Kinesis

- Basic Concepts of CloudFormation
- Basic Concepts of Elastic Beanstalk
- Basic Concepts of Lambda
- Basic Concepts of Kinesis
- Practice Assignment: Cloud Formation
- Quiz

Lesson 10: VPC

- Basic Concepts of VPC
- VPC – Deep Dive
- VPC – NAT, VPN, and Peering
- Practice Assignment: Amazon VPC
- Quiz

Lesson 11: Route 53

- Basic Concepts of Route 53
- Practice Assignment: Routing traffic to reduce latency
- Quiz

Lesson 12: SDK and CLI

- Basic Concepts of AWS SDK
- Basic Concepts of AWS CLI
- Practice Assignment: AWS SDK using Boto3
- Quiz

Lesson 13: AWS Security Features

- Basic Concepts of Security Features
- AWS Regulatory and Environment security
- AWS Security for Various AWS Services
- Practice Assignment: Shared Security
- Quiz

About SwissKnowledge

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MAKE SMATER AND BETTER INVESTMENT



People Development

COURSES PORTFOLIO

SCRUM & AGILE

- Scrum Developer Certified (SDC)
- Scrum Master Certified (SMC)
- Scrum Product Owner Certified (SPOC)
- Agile Master Certified (SAMC)
- Agile Scrum Master (ASM)

PROJECT MANAGEMENT

- Project Management Professional
- PMI Risk Management Professional
- PRINCE2 Foundation & Practitioner
- MSP Foundation & Practitioner
- CBAP

QUALITY MANAGEMENT

- Six Sigma Green Belt (SSGB)
- Six Sigma Black Belt (SSBB)
- Lean Six Sigma Green Belt (LSSGB)
- Lean Six Sigma Black Belt (LSSBB)

IT SERVICE MANAGEMENT

- ITIL Foundation
- ITIL 4 Foundation

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