AWS TRAINING

Embrace The Future of Technology with Our Expert

amazon web services

Visit Our Website:
www.reallygreatsite.co

Table of Contents:

- Program Features
- Prerequisites
- Target Audience
- Course Curriculum
- Tools/Services Covered

Program Features

- 32 hours of Live Trainning
- 50 + hours of Hands On
- 50 + hours of Assignments
- 20+ live demos of AWS services
- Multiple real-time industry projects with integrated labs

Prerequisites

There are no prerequisites for this AWS training course. However, prior experience in working with AWS or another cloud computing platform is recommended

Target Audience

- Working professionals in any IT stream
- College Students
- IT compliance managers
- Security heads/directors
- Security managers/architects

Course Curriculum

Lesson 00 - Course Introduction
- Course Overview

Lesson 01 - AWS Overview
- AWS Overview
- History and Evolution of AWS
- Knowledge Check
- Overview of AWS Products and Services
- Quiz
- Key Takeaways

Lesson 02 - Designing Highly Available, Cost-efficient,
- Fault-tolerant, and Scalable Systems
- Designing Highly Available, Cost-efficient, Fault-tolerant, and Scalable Systems
- How to design Cloud Services
- Knowledge Check
- Planning and Designing
- Knowledge Check
- Monitoring and Logging
- Knowledge Check
- Hybrid IT architectures
- Knowledge Check
- Practice Assignment Designing Hybrid Storage
- Quiz
- Knowledge Check

Lesson 03 - Identity Access Managemen(IAM)

- Identity and Access Management (IAM)
- IAM Overview and Policies
- Knowledge Check
- IAM Users, Groups, and Roles
- Knowledge Check
- IAM Best Practices
- IAM Users, Groups, and Roles
- Knowledge Check
- IAM Best Practices
- Practice Assignment Configuring IAM Access
- Quiz
- Key Takeaways

Lesson 04 - Amazon Virtual Private Cloud(VPC)

- Amazon Virtual Private Cloud (VPC)
- Amazon VPC and Subnets
- Knowledge Check
- Networking
- Knowledge Check
- Using Security Groups and Network ACLs
- Knowledge Check
- Amazon VPC Best Practices and Costs
- Practice Assignment Designing a Custom VPC
- Quiz
- Knowledge Check

Lesson 05 - Elastic Compute Cloud(EC2)

- Cloud Compute with AWS
- Amazon EC2 Overview
- Amazon Machine Images (AMI)
- Launch and connect to an EC2 Linux instance Demo 1
- Launch and connect to an EC2 Windows instance Demo 2
- Create an AMI Demo 3
- Knowledge Check
- Introduction to EC2 Instance Types
- Knowledge Check
- Overview of Amazon EBS
- Knowledge Check
- EC2 Pricing
- Knowledge Check
- Elastic Load Balancing (ELB)
- Knowledge Check
- Auto Scaling
- Knowledge Check
- AWS Services
- AWS Lambda Demo
- Amazon Elastic Container Service
- Knowledge Check
- EC2 Best Practices and Costs
- Practice Assignment Configure ELB
- Quiz
- Key Takeaways

Lesson 06 - Amazon Simple Storage Service(S3)

- Amazon Simple Storage Service (S3)
- S3 Overview and Buckets
- Knowledge Check
- Version Control and Lifecycle Management
- Knowledge Check
- CloudFront and CDNs
- Knowledge Check
- Security and Encryption
- Knowledge Check
- Amazon Import - Export Snowball
- Knowledge Check
- S3 Best Practices and Costs
- Practice Assignment Create an Amazon S3 bucket
- Quiz
- Knowledge Check

Lesson 07 - Amazon Route 53

- Amazon Route 53
- Amazon Route 53 Concepts
- Knowledge Check
- Amazon Route 53 Best Practices and Costs
- Practice Assignment Amazon Route 53 Hosted Zone 0
- Quiz
- Key Takeaways

Lesson 08 - Databases

- Databases
- Databases Overview
- Knowledge Check
- Amazon Relational Database Service (RDS)
- Knowledge Check
- AMI Databases
- Key Takeaways
- Amazon DynamoDB
- Knowledge Check
- Amazon Redshift
- Knowledge Check
- Amazon ElastiCache
- Knowledge Check
- Amazon Aurora
- Knowledge Check
- AWS Database Migration Services (DMS)
- Knowledge Check
- Database Best Practices and Costs
- Practice Assignment Amazon RDS
- Quiz
- Key Takeaways

Lesson 09 - Application Services

- Application Services
- AWS Application Services
- Knowledge Check
- Amazon Elastic Transcoder
- Knowledge Check
- Amazon Workspaces
- Knowledge Check
- Application Services Best Practices and Costs
- Practice Assignment Amazon SNS
- Quiz
- Key Takeaways

Lesson 10 - Security Practices for optimum Cloud Deployment

- Security Practices for Optimum Cloud Deployment
- AWS Responsibilities and Security Attributes
- Knowledge Check
- AWS CloudFormation and Design patterns
- Practice Assignment AWS CloudWatch
- Quiz
- Key Takeaways

Lesson 11 - Disaster Recovery

- Disaster Recovery
- Overview and Products for Disaster Recovery
- Practice Assignment Disaster Recovery
- Quiz
- Key Takeaways

Lesson 12 - Troubleshooting

- Troubleshooting
- Troubleshooting and Support
- Quiz
- Key Takeaways
- Lesson 13 - AWS Solutions Architect Exam
- AWS Solutions Architect Exam
- Exam Overview and Study Tips
- Knowledge Check
- Key Takeaways

Tools or Services Covered

Amazon EC2

Amazon Elastic Block Store

AWS Identity and Access Management

AWS Snowball Edge

Amazon CloudFront

SWF

Amazon Redshift

Elastic Load Balancing

Amazon DynamoDB

Lambda function

Amazon Simple Notification Service

Amazon Simple Queue Service

Elastic Load Balancing

Amazon Redshift

Tools or Services Covered

Auto Scaling

Amazon Elastic Transcoder

Amazon S3 Glacier

Amazon Route 53

Amazon RDS

Amazon Aurora instance

Amazon ElastiCache

Amazon VPC

Amazon VPC

AWS Cloud Formation

Amazon CloudWatch

AWS CloudTrail

AWS Database Migration Service

AWS Trusted Advisor

amazon web services