

AWS Certified Cloud Practitioner (CLF-C02)

Lesson 1: Introduction

- What Does This Course Cover?
- Exam Objectives
- Objective Map

Lesson 2: The Cloud

- What Is Cloud Computing?
- Server Virtualization: The Basics
- Cloud Platform Models
- Scalability and Elasticity
- Summary
- Exam Essentials

Lesson 3: Understanding Your AWS Account

- The Free Tier
- Product Pricing
- Service Limits
- Billing and Cost Management
- Summary
- Exam Essentials

Lesson 4: Getting Support on AWS

- Support Plans
- Documentation and Online Help
- Trusted Advisor
- Summary
- Exam Essentials

Lesson 5: Understanding the AWS Environment

- AWS Global Infrastructure: AWS Regions
- AWS Global Infrastructure: Availability Zones
- AWS Global Infrastructure: Edge Locations
- AWS Global Infrastructure: Extending the Cloud
- The AWS Shared Responsibility Model
- Summary
- Exam Essentials

Lesson 6: Securing Your AWS Resources

- AWS Identity and Access Management
- Encryption
- Regulatory Compliance (AWS Artifact)
- Other AWS Security and Compliance Tools
- Summary
- Exam Essentials

Lesson 7: Working with Your AWS Resources

- The AWS Management Console
- The AWS Command-Line Interface
- Software Development Kits
- CloudWatch
- CloudTrail
- Cost Explorer
- AWS Config
- AWS Control Tower
- AWS License Manager
- Summary
- Exam Essentials

Lesson 8: The Core Compute Services

- Deploying Amazon Elastic Compute Cloud Servers
- Simplified Deployments Through Managed Services
- Deploying Container and Serverless Workloads
- Summary
- Exam Essentials

Lesson 9: The Core Storage Services

- Simple Storage Service
- S3 Glacier
- AWS Storage Gateway
- AWS Snow Family
- Other Storage-Related Services
- Summary
- Exam Essentials

Lesson 10: The Core Database Services

- Database Models
- Amazon Relational Database Service
- DynamoDB
- Amazon Redshift
- Analytics
- Summary
- Exam Essentials

Lesson 11: The Core Networking Services

- Virtual Private Cloud
- Route 53
- CloudFront
- Summary
- Exam Essentials

Lesson 12: Automating Your AWS Workloads

- Automation
- CloudFormation
- AWS Developer Tools
- EC2 Auto Scaling
- Configuration Management
- Summary
- Exam Essentials

Lesson 13: Common Use-Case Scenarios

- The Well-Architected Framework
- A Highly Available Web Application Using Auto Scaling and Elastic Load Balancing
- Static Website Hosting Using S3
- Machine Learning
- Summary
- Exam Essentials

Appendix A: Additional Services

- Activate for Startups
- Amazon EventBridge
- AppStream 2.0
- Athena
- AWS Amplify
- AWS AppSync
- AWS Batch

- AWS CloudShell
- AWS Device Farm
- AWS Step Functions
- Backup
- Cognito
- Connect
- Database Migration Service
- Elastic File System
- Elastic MapReduce
- Glue
- Inspector
- IoT Core
- IoT Greengrass
- IQ
- Kinesis
- Macie
- Managed Services (AMS)
- Neptune
- Simple Queue Service
- WorkDocs
- WorkSpaces
- X-Ray