

DAY-00 Exam content for AWS Cloud Practitioner Certification CLF-C02

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The AWS Certified Cloud Practitioner (CLF-C02) exam covers foundational cloud concepts and AWS services. It is designed for individuals with a general understanding of the AWS Cloud, who are preparing to achieve AWS Certification. Here is a breakdown of the exam content and the percentage of each topic covered:

Response types

There are two types of questions on the exam:

- **Multiple choice:** Has one correct response and three incorrect responses.
- **Multiple response:** Has two or more correct responses out of five or more response options.

Unanswered questions are scored as incorrect; there is no penalty for guessing. The exam includes 50 questions that will affect your score.

Exam results

The AWS Certified Cloud Practitioner exam is a pass or fail exam. The exam is scored against a minimum standard established by AWS professionals who follow certification industry best practices and guidelines.

Your results for the exam are reported as a scaled score of 100–1,000. The minimum passing score is 700. Your score shows how you performed on the exam as a whole and whether or not you passed. Scaled scoring models help equate scores across multiple exam forms that might have slightly different difficulty levels.

AWS Certified Cloud Practitioner (CLF-C02) Exam Content

➡ Cloud Concepts (26%)

Key Concepts of Cloud Computing and AWS

- Understanding the benefits of cloud computing and the AWS Cloud
- AWS Global Infrastructure
- Key AWS services such as AWS Lambda, Amazon EC2, Amazon S3, Amazon RDS

Cloud Economics and Billing

- AWS Pricing Models
- Total Cost of Ownership (TCO)
- Billing and Cost Management

➡ Security and Compliance (25%)

Security Fundamentals

- AWS shared responsibility model
- AWS security services such as AWS Identity and Access Management (IAM), AWS Shield, AWS Key Management Service (KMS)

Compliance and Governance

- AWS compliance programs
- AWS Trusted Advisor and AWS Artifact

➡ Technology (33%)

Core AWS Services and Their Use Cases

- Compute: Amazon EC2, AWS Lambda
- Storage: Amazon S3, Amazon EBS, Amazon Glacier
- Databases: Amazon RDS, Amazon DynamoDB
- Networking: Amazon VPC, Elastic Load Balancing (ELB), Amazon Route 53

Deployment and Operations in the AWS Cloud

- AWS Management Console and AWS CLI
- AWS CloudFormation and AWS Elastic Beanstalk

➡ Billing and Pricing (16%)

AWS Pricing and Billing

- AWS pricing philosophy
- AWS Free Tier, AWS Pricing Calculator
- AWS Cost and Usage Reports

Fundamentals of AWS Billing and Cost Management

- Billing alerts and budgets
- Consolidated billing
- AWS Organizations and Cost Explorer

Detailed Breakdown with Percentage

➡ Cloud Concepts (26%)

- Understanding of cloud computing concepts
- Benefits of the AWS Cloud
- AWS Global Infrastructure
- AWS Well-Architected Framework

➡ Security and Compliance (25%)

- AWS shared responsibility model
- AWS Cloud security and compliance concepts
- Identity and access management in the AWS Cloud
- AWS compliance programs

➡ Technology (33%)

- Core AWS services and their use cases
- AWS service categories and core services
- AWS management tools (e.g., AWS Management Console, AWS CLI, AWS CloudFormation)
- Deployment and operations in the AWS Cloud

➡ Billing and Pricing (16%)

- AWS pricing philosophy and pricing models
- AWS Free Tier and its use cases
- AWS Cost Management tools (e.g., AWS Cost Explorer, AWS Budgets)
- Fundamentals of AWS Billing and Cost Management

Exam Preparation Tips

- **Understand Key Concepts:** Familiarize yourself with cloud computing concepts and AWS terminology.
- **Hands-On Practice:** Use the AWS Free Tier to gain practical experience with AWS services.
- **Study Resources:** Utilize AWS training and certification resources, such as AWS whitepapers, FAQs, and the AWS Well-Architected Framework.
- **Practice Exams:** Take practice exams to test your knowledge and identify areas where you need further study.

By focusing on these topics and allocating study time according to the percentage breakdown, you can prepare effectively for the AWS Certified Cloud Practitioner (CLF-C02) exam.

Happy Learning !