

Pass CLF-C02 Cloud Practitioner Exam: Study Tips & Resources!

**AWS CLOUD PRACTITIONER CERTIFICATION
QUESTIONS & ANSWERS**

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CLF-C02

[AWS Certified Cloud Practitioner](#)

65 Questions Exam – 700 / 1000 Cut Score – Duration of 90 minutes

Table of Contents

Get Ready for the CLF-C02 Exam:	2
Know More About the AWS Certified Cloud Practitioner Certification:	2
Learn More About the CLF-C02 Syllabus:	2
Cloud Concepts - 24%	2
Security and Compliance - 30%	4
Cloud Technology and Services - 34%	5
Billing, Pricing, and Support - 12%	9
Prepare with CLF-C02 Sample Questions:	11
Tips for Success in the AWS Cloud Practitioner Exam:	13
Familiarize Yourself with the CLF-C02 Exam Format:	13
Create A Study Timetable for the CLF-C02 Exam:	13
Diversify Your Study Sources:	14
Regular Practice for the CLF-C02 Exam:	14
Allow for Rest and Breaks:	14
Maintain Organization Throughout Your CLF-C02 Exam Preparation:	14
Seek Guidance from Mentors:	14
Regular Review is Crucial for the CLF-C02 Exam:	14
Master Time Management for the CLF-C02 Exam:	15
Have A Positive Mindset:	15
Benefits of Passing the CLF-C02 Exam:	15
Explore the Trusted Practice Exam for the CLF-C02 Certification:	15
Final Remarks:	16

Get Ready for the CLF-C02 Exam:

Prepare effectively for the CLF-C02 exam using reliable [study strategies and methods](#). Enhance your preparedness, deepen your understanding of the Foundational, and enhance your likelihood of achieving success in the AWS AWS Certified Cloud Practitioner with our comprehensive guide. Embark on your path to exam excellence today.

Know More About the AWS Certified Cloud Practitioner Certification:

Exam Name	AWS Cloud Practitioner
Exam Code	CLF-C02
Exam Price	\$100 USD
Duration	90 minutes
Number of Questions	65
Passing Score	700 / 1000
Recommended Training / Books	AWS Cloud Practitioner Essentials AWS Cloud Quest: Cloud Practitioner
Schedule Exam	AWS Certification
Sample Questions	AWS CLF-C02 Sample Questions
Recommended Practice	AWS Certified Cloud Practitioner Practice Test

Learn More About the CLF-C02 Syllabus:

Section	Objectives
Cloud Concepts - 24%	
Define the benefits of the AWS Cloud.	<ul style="list-style-type: none">- Knowledge of:<ul style="list-style-type: none">• Value proposition of the AWS Cloud- Skills in:<ul style="list-style-type: none">• Understanding the economies of scale (for example, cost savings)

Section	Objectives
	<ul style="list-style-type: none"> Understanding the benefits of global infrastructure (for example, speed of deployment, global reach) Understanding the advantages of high availability, elasticity, and agility
Identify design principles of the AWS Cloud.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> AWS Well-Architected Framework - Skills in: <ul style="list-style-type: none"> Understanding the pillars of the Well-Architected Framework (for example, operational excellence, security, reliability, performance efficiency, cost optimization, sustainability) Identifying differences between the pillars of the Well-Architected Framework
Understand the benefits of and strategies for migration to the AWS Cloud.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> Cloud adoption strategies Resources to support the cloud migration journey - Skills in: <ul style="list-style-type: none"> Understanding the benefits of the AWS Cloud Adoption Framework (AWS CAF) (for example, reduced business risk; improved environmental, social, and governance (ESG) performance; increased revenue; increased operational efficiency) Identifying appropriate migration strategies (for example, database replication, use of AWS Snowball)
Understand concepts of cloud economics.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> Aspects of cloud economics Cost savings of moving to the cloud - Skills in: <ul style="list-style-type: none"> Understanding the role of fixed costs compared with variable costs Understanding costs that are associated with on-premises environments Understanding the differences between licensing strategies (for example, Bring Your Own License [BYOL] model compared with included licenses) Understanding the concept of rightsizing Identifying benefits of automation (for example, provisioning and configuration management with AWS CloudFormation) Identifying managed AWS services (for example,

Section	Objectives
	Amazon RDS, Amazon Elastic Container Service [Amazon ECS], Amazon Elastic Kubernetes Service [Amazon EKS], Amazon DynamoDB)
Security and Compliance - 30%	
Understand the AWS shared responsibility model.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> • AWS shared responsibility model - Skills in: <ul style="list-style-type: none"> • Recognizing the components of the AWS shared responsibility model • Describing the customer's responsibilities on AWS • Describing AWS responsibilities • Describing responsibilities that the customer and AWS share • Describing how AWS responsibilities and customer responsibilities can shift, depending on the service used (for example, Amazon RDS, AWS Lambda, Amazon EC2)
Understand AWS Cloud security, governance, and compliance concepts.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> • AWS compliance and governance concepts • Benefits of cloud security (for example, encryption) • Where to capture and locate logs that are associated with cloud security - Skills in: <ul style="list-style-type: none"> • Identifying where to find AWS compliance information (for example, AWS Artifact) • Understanding compliance needs among geographic locations or industries (for example, AWS Compliance) • Describing how customers secure resources on AWS (for example, Amazon Inspector, AWS Security Hub, Amazon GuardDuty, AWS Shield) • Identifying different encryption options (for example, encryption in transit, encryption at rest) • Recognizing services that aid in governance and compliance (for example, monitoring with Amazon CloudWatch; auditing with AWS CloudTrail, AWS Audit Manager, and AWS Config; reporting with access reports) • Recognizing compliance requirements that vary among AWS services

Section	Objectives
Identify AWS access management capabilities.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> • Identity and access management (for example, AWS Identity and Access Management [IAM]) • Importance of protecting the AWS root user account • Principle of least privilege • AWS IAM Identity Center (AWS Single Sign-On) - Skills in: <ul style="list-style-type: none"> • Understanding access keys, password policies, and credential storage (for example, AWS Secrets Manager, AWS Systems Manager) • Identifying authentication methods in AWS (for example, multi-factor authentication [MFA], IAM Identity Center, cross-account IAM roles) • Defining groups, users, custom policies, and managed policies in compliance with the principle of least privilege • Identifying tasks that only the account root user can perform • Understanding which methods can achieve root user protection • Understanding the types of identity management (for example, federated)
Identify components and resources for security.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> • Security capabilities that AWS provides • Security-related documentation that AWS provides - Skills in: <ul style="list-style-type: none"> • Describing AWS security features and services (for example, security groups, network ACLs, AWS WAF) • Understanding that third-party security products are available from AWS Marketplace • Identifying where AWS security information is available (for example, AWS Knowledge Center, AWS Security Center, AWS Security Blog) • Understanding the use of AWS services for identifying security issues (for example, AWS Trusted Advisor)
Cloud Technology and Services - 34%	
Define methods of deploying and operating in the AWS Cloud.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> • Different ways of provisioning and operating in the AWS Cloud

Section	Objectives
	<ul style="list-style-type: none"> • Different ways to access AWS services • Types of cloud deployment models • Connectivity options <p>- Skills in:</p> <ul style="list-style-type: none"> • Deciding between options such as programmatic access (for example, APIs, SDKs, CLI), the AWS Management Console, and infrastructure as code (IaC) • Evaluating requirements to determine whether to use one-time operations or repeatable processes • Identifying different deployment models (for example, cloud, hybrid, onpremises) • Identifying connectivity options (for example, AWS VPN, AWS Direct Connect, public internet)
Define the AWS global infrastructure.	<p>- Knowledge of:</p> <ul style="list-style-type: none"> • AWS Regions, Availability Zones, and edge locations • High availability • Use of multiple Regions • Benefits of edge locations • AWS Wavelength Zones and AWS Local Zones <p>- Skills in:</p> <ul style="list-style-type: none"> • Describing relationships among Regions, Availability Zones, and edge locations • Describing how to achieve high availability by using multiple Availability Zones • Recognizing that Availability Zones do not share single points of failure • Describing when to use multiple Regions (for example, disaster recovery, business continuity, low latency for end users, data sovereignty) • Describing at a high level the benefits of edge locations (for example, Amazon CloudFront, AWS Global Accelerator)
Identify AWS compute services.	<p>- Knowledge of:</p> <ul style="list-style-type: none"> • AWS compute services <p>- Skills in:</p> <ul style="list-style-type: none"> • Recognizing the appropriate use of different EC2 instance types (for example, compute optimized, storage optimized) • Recognizing the appropriate use of different container

Section	Objectives
	<p>options (for example, Amazon ECS, Amazon EKS)</p> <ul style="list-style-type: none"> Recognizing the appropriate use of different serverless compute options (for example, AWS Fargate, Lambda) Recognizing that auto scaling provides elasticity Identifying the purposes of load balancers
Identify AWS database services.	<p>- Knowledge of:</p> <ul style="list-style-type: none"> AWS database services Database migration <p>- Skills in:</p> <ul style="list-style-type: none"> Deciding when to use EC2 hosted databases or AWS managed databases Identifying relational databases (for example, Amazon RDS, Amazon Aurora) Identifying NoSQL databases (for example, DynamoDB) Identifying memory-based databases Identifying database migration tools (for example AWS Database Migration Service [AWS DMS], AWS Schema Conversion Tool [AWS SCT])
Identify AWS network services.	<p>- Knowledge of:</p> <ul style="list-style-type: none"> AWS network services <p>- Skills in:</p> <ul style="list-style-type: none"> Identifying the components of a VPC (for example, subnets, gateways) Understanding security in a VPC (for example, network ACLs, security groups) Understanding the purpose of Amazon Route 53 Identifying edge services (for example, CloudFront, Global Accelerator) Identifying network connectivity options to AWS (for example AWS VPN, Direct Connect)
Identify AWS storage services.	<p>- Knowledge of:</p> <ul style="list-style-type: none"> AWS storage services <p>- Skills in:</p> <ul style="list-style-type: none"> Identifying the uses for object storage Recognizing the differences in Amazon S3 storage classes Identifying block storage solutions (for example,

Section	Objectives
	<p>Amazon Elastic Block Store [Amazon EBS], instance store)</p> <ul style="list-style-type: none"> Identifying file services (for example, Amazon Elastic File System [Amazon EFS], Amazon FSx) Identifying cached file systems (for example, AWS Storage Gateway) Understanding use cases for lifecycle policies Understanding use cases for AWS Backup
Identify AWS artificial intelligence and machine learning (AI/ML) services and analytics services.	<p>- Knowledge of:</p> <ul style="list-style-type: none"> AWS AI/ML services AWS analytics services <p>- Skills in:</p> <ul style="list-style-type: none"> Understanding the different AI/ML services and the tasks that they accomplish (for example, Amazon SageMaker, Amazon Lex, Amazon Kendra) Identifying the services for data analytics (for example, Amazon Athena, Amazon Kinesis, AWS Glue, Amazon QuickSight)
Identify services from other in-scope AWS service categories.	<p>- Knowledge of:</p> <ul style="list-style-type: none"> Application integration services of Amazon EventBridge, Amazon Simple Notification Service (Amazon SNS), and Amazon Simple Queue Service (Amazon SQS) Business application services of Amazon Connect and Amazon Simple Email Service (Amazon SES) Customer engagement services of AWS Activate for Startups, AWS IQ, AWS Managed Services (AMS), and AWS Support Developer tool services and capabilities of AWS AppConfig, AWS Cloud9, AWS CloudShell, AWS CodeArtifact, AWS CodeBuild, AWS CodeCommit, AWS CodeDeploy, AWS CodePipeline, AWS CodeStar, and AWS X-Ray End-user computing services of Amazon AppStream 2.0, Amazon WorkSpaces, and Amazon WorkSpaces Web Frontend web and mobile services of AWS Amplify and AWS AppSync IoT services of AWS IoT Core and AWS IoT Greengrass <p>- Skills in:</p> <ul style="list-style-type: none"> Choosing the appropriate service to deliver messages

Section	Objectives
	<ul style="list-style-type: none"> and to send alerts and notifications • Choosing the appropriate service to meet business application needs • Choosing the appropriate service for AWS customer support • Choosing the appropriate option for business support assistance • Identifying the tools to develop, deploy, and troubleshoot applications • Identifying the services that can present the output of virtual machines (VMs) on end-user machines • Identifying the services that can create and deploy frontend and mobile services • Identifying the services that manage IoT devices
Billing, Pricing, and Support - 12%	
Compare AWS pricing models.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> • Compute purchasing options (for example, On-Demand Instances, Reserved Instances, Spot Instances, Savings Plans, Dedicated Hosts, Dedicated Instances, Capacity Reservations) • Data transfer charges • Storage options and tiers - Skills in: <ul style="list-style-type: none"> • Identifying and comparing when to use various compute purchasing options • Describing Reserved Instance flexibility • Describing Reserved Instance behavior in AWS Organizations • Understanding incoming data transfer costs and outgoing data transfer costs (for example, from one Region to another Region, within the same Region) • Understanding different pricing options for various storage options and tiers
Understand resources for billing, budget, and cost management.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> • Billing support and information • Pricing information for AWS services • AWS Organizations • AWS cost allocation tags - Skills in: <ul style="list-style-type: none"> • Understanding the appropriate uses and capabilities

Section	Objectives
	<p>of AWS Budgets, AWS Cost Explorer, and AWS Billing Conductor</p> <ul style="list-style-type: none"> • Understanding the appropriate uses and capabilities of AWS Pricing Calculator • Understanding AWS Organizations consolidated billing and allocation of costs • Understanding various types of cost allocation tags and their relation to billing reports (for example, AWS Cost and Usage Report)
Identify AWS technical resources and AWS Support options.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> • Resources and documentation available on official AWS websites • AWS Support plans • Role of the AWS Partner Network, including independent software vendors and system integrators • AWS Support Center - Skills in: <ul style="list-style-type: none"> • Locating AWS whitepapers, blogs, and documentation on official AWS websites • Identifying and locating AWS technical resources (for example AWS Prescriptive Guidance, AWS Knowledge Center, AWS re:Post) • Identifying AWS Support options for AWS customers (for example, customer service and communities, AWS Developer Support, AWS Business Support, AWS Enterprise On-Ramp Support, AWS Enterprise Support) • Identifying the role of Trusted Advisor, AWS Health Dashboard, and the AWS Health API to help manage and monitor environments for cost optimization • Identifying the role of the AWS Trust and Safety team to report abuse of AWS resources • Understanding the role of AWS Partners (for example AWS Marketplace, independent software vendors, system integrators) • Identifying the benefits of being an AWS Partner (for example, partner training and certification, partner events, partner volume discounts) • Identifying the key services that AWS Marketplace offers (for example, cost management, governance and entitlement) • Identifying technical assistance options available at AWS (for example, AWS Professional Services, AWS Solutions Architects)

Prepare with CLF-C02 Sample Questions:

Question: 1

When an ELB detects an unhealthy EC2 instance, which action does it perform regarding distributing incoming traffic?

- a) It only sends traffic to the remaining healthy instances.
- b) It restarts the unhealthy EC2 instance.
- c) It terminates the failed instance so that it is not part of the ELB target group.
- d) It continues to send traffic to the failed instance.

Answer: a

Question: 2

Which of the following services can help fulfill the guidelines provided in the performance pillar concerning ensuring low latency access to video content hosted in a single S3 bucket globally?

- a) Use AWS CloudFront to cache the video content closer to end users.
- b) Use Amazon ElastiCache to cache the video content closer to end users.
- c) Use AWS DynamoDB DAX to cache the video content closer to end users.
- d) Use Amazon Kinesis to cache the video content closer to end users.

Answer: a

Question: 3

A Cloud Practitioner is developing a new application and wishes to integrate features of AWS services directly into the application. Which of the following is the BEST tool for this purpose?

- a) AWS Command Line Interface (CLI)
- b) AWS CodeDeploy
- c) AWS Software Development Kit
- d) AWS CodePipeline

Answer: c

Question: 4

Regarding the AWS Shared Responsibility Model, who is responsible for patching Amazon RDS database instances?

- a) AWS
- b) Customer
- c) Database engine vendor
- d) Both the customer and AWS

Answer: a

Question: 5

How much data can a company store in the Amazon S3 service?

- a) 100 PB
- b) 1 PB
- c) 100 TB
- d) Virtually unlimited

Answer: d

Question: 6

What advantages does a database administrator obtain by using the Amazon Relational Database Service (RDS)?

- a) RDS enables users to dynamically adjust CPU and RAM resources.
- b) RDS databases automatically scale based on load.
- c) RDS provides 99.9999999999% reliability and durability.
- d) RDS simplifies relational database administration tasks.

Answer: d

Question: 7

When running applications in the AWS Cloud, which common tasks can AWS manage on behalf of their customers?

(Select TWO.)

- a) Taking a backup of a database
- b) Patching database software
- c) Application source code auditing
- d) Application security testing
- e) Creating a database schema

Answer: a, b

Question: 8

Customers using AWS services must patch operating systems on which of the following services?

- a) AWS Fargate
- b) Amazon DynamoDB
- c) Amazon EC2
- d) AWS Lambda

Answer: c

Question: 9

Your on-premises applications require access to a centrally managed cloud storage service. The application running on your servers need to be able to store and retrieve files as durable objects on Amazon S3 over standard NFS-based access with local caching.

Which AWS service can help you deliver a solution to meet the aforementioned requirements?

- a) EBS volumes
- b) Amazon Redshift
- c) AWS Storage Gateway— Amazon S3File Gateway
- d) AWS EFS

Answer: c**Question: 10**

Where should firewalling be accomplished in a web hosting design in AWS?

- a) At the perimeter
- b) At all design layers
- c) At the core
- d) For all access layer functions

Answer: b

Tips for Success in the AWS Cloud Practitioner Exam:

Familiarize Yourself with the CLF-C02 Exam Format:

Before starting your study regimen, it's crucial to acquaint yourself with the structure of the CLF-C02 exam. Take a moment to [review the exam syllabus](#), grasp the test format, and pinpoint the main areas of concentration. Having prior knowledge of the exam's layout will assist you in customizing your study strategy effectively.

Create A Study Timetable for the CLF-C02 Exam:

To prepare efficiently for the CLF-C02 exam, devise a study schedule that aligns with your lifestyle and preferred learning approach. Allocate dedicated time slots for studying each day, prioritizing topics according to their significance and your level of proficiency. Maintaining consistency by adhering to your schedule and steering clear of procrastination is imperative.

Diversify Your Study Sources:

Ensure you broaden your study material beyond just one source. Use various resources like textbooks, online courses, practice exams, and study guides to understand the CLF-C02 exam subjects thoroughly. Each resource provides distinct perspectives and explanations that can enrich your learning journey.

Regular Practice for the CLF-C02 Exam:

Consistent practice is essential for effective preparation for the CLF-C02 exam. Engaging in regular practice enables you to strengthen your grasp of essential concepts, improve your problem-solving abilities, and become accustomed to the exam format. Allocate dedicated time to solving practice questions and sample tests to assess your progress accurately.

Allow for Rest and Breaks:

While studying is crucial, taking breaks and rest is equally vital. Pushing yourself too hard without sufficient rest can result in burnout and reduced effectiveness. Incorporate short breaks into your study sessions to recharge and stay focused.

Maintain Organization Throughout Your CLF-C02 Exam Preparation:

Keep yourself organized as you prepare for the CLF-C02 exam by monitoring your progress and managing your materials effectively. Ensure your study area remains neat, utilize folders or digital aids to arrange your notes and resources, and develop a checklist of topics to review. Employing an organized approach will assist you in staying focused and reducing stress levels.

Seek Guidance from Mentors:

Feel free to ask for clarification when you come across confusing or difficult concepts during your study sessions. Seek support from peers, instructors, or online forums to address any uncertainties. Addressing doubts will prevent misunderstandings and ensure you develop a strong [understanding of the material](#).

Regular Review is Crucial for the CLF-C02 Exam:

Frequent revisiting of material is paramount for retaining information over the long term. Revisit topics you've already covered to strengthen your comprehension and pinpoint areas that need further focus. Regular review sessions will [solidify your understanding](#) and enhance your confidence.

Master Time Management for the CLF-C02 Exam:

Skillful time management is essential on the exam day to ensure you finish all sections within the designated time limits. During your practice sessions, replicate the conditions of the CLF-C02 exam and practice managing your time accordingly. Formulate strategies for efficiently addressing each section to optimize your score.

Have A Positive Mindset:

Finally, maintain a positive attitude and have faith in your capabilities. Stay confident in your preparation and trust that you are well-prepared to handle the CLF-C02 exam. Envision success, remain focused, and approach the exam calmly and objectively.

Benefits of Passing the CLF-C02 Exam:

- Completing the CLF-C02 exam unlocks pathways to fresh career prospects and progression within your industry.
- The extensive preparation needed for the CLF-C02 certification equips you with comprehensive knowledge and practical expertise applicable to your field.
- Possessing the CLF-C02 certification showcases your mastery and dedication to excellence, garnering acknowledgment from both peers and employers.
- Certified professionals often command higher salaries and have greater potential for earning than those without certification.
- Acquiring the CLF-C02 certification validates your competence and trustworthiness, fostering confidence among clients, employers, and peers.

Explore the Trusted Practice Exam for the CLF-C02 Certification:

At vmexam.com, you'll find comprehensive resources for the CLF-C02 exam. Our platform offers authentic practice exams tailored specifically for the CLF-C02 certification. What advantages do these practice exams provide? You'll encounter genuine exam-style questions expertly crafted by industry professionals, allowing you to improve your performance in the exam. Rely on vmexam.com for rigorous, unlimited access to [CLF-C02 practice exams](#) for two months, allowing you to boost your confidence steadily. Through focused practice, numerous candidates have successfully streamlined their path to achieving the AWS Certified Cloud Practitioner.

Final Remarks:

Preparing for the CLF-C02 examination demands commitment, strategic planning, and efficient study methods. Implementing these study suggestions can enrich your preparation, elevate your self-assurance, and increase your likelihood of excelling in the exam. Keep your focus sharp, maintain organization, and believe in your abilities. Best of luck!

Here Is the Trusted Practice Test for the CLF-C02 Certification

VMExam.Com is here with all the necessary details regarding the CLF-C02 exam. We provide authentic practice tests for the CLF-C02 exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on VMExam.Com for rigorous, unlimited two-month attempts on the [CLF-C02 practice tests](https://www.vmexam.com/aws/clf-c02-aws-cloud-practitioner), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the AWS Certified Cloud Practitioner.

Start Online Practice of CLF-C02 Exam by Visiting URL

<https://www.vmexam.com/aws/clf-c02-aws-cloud-practitioner>