

# AWS Cloud Practitioner (CLF-C02)

## 100 Questions & Answers

*Welcome to your complete AWS Certified Cloud Practitioner (CLF-C02) practice questions collection. This set is designed not just to test you, but to **teach, reinforce,** and **sharpen** your understanding of AWS core services, cloud principles, security, billing, and architectural best practices.*



## Learning Objectives and Expectations

You'll get:

- **Real-world, scenario-based questions** modeled after actual AWS CLF-C02 exam structure
- **Organized in batches of 10 questions**, followed by 10 answers with clear explanations
- **Detailed reasoning** to clarify correct answers and reinforce key AWS service decisions and exam concepts

## AWS Cloud Practitioner (CLF-C02) Domains

Each domain is weighted by importance. Domain 3 (Cloud Technology and Services) is the largest, and Domain 4 (Billing and Pricing) is often underestimated but essential.

- **Domain 1: Cloud Concepts** – 24%
- **Domain 2: Security and Compliance** – 30%
- **Domain 3: Cloud Technology and Services** – 34%
- **Domain 4: Billing, Pricing, and Support** – 12%

## Quick Reminder: How the Exam Works

- **Number of Questions:** 65
- **Format:** Multiple choice and multiple response, scenario-driven
- **Time Limit:** 90 minutes
- **Passing Score:** 700/1000
- **Test Provider:** Pearson VUE (online proctored or test center)
- **Prerequisites:** None (ideal for entry-level professionals and non-technical stakeholders)

## Questions By Domain

Domain	Title	Questions Assigned	Question Numbers
<b>Domain 1</b>	Cloud Concepts (24%)	24 Questions	Q1–5, Q10, Q21–25, Q30–31, Q38–40, Q61–62, Q67–69, Q71, Q91
<b>Domain 2</b>	Security and Compliance (30%)	30 Questions	Q6–9, Q26–29, Q32–36, Q41, Q44, Q47–48, Q51, Q53, Q59, Q70, Q78–80, Q94, Q100
<b>Domain 3</b>	Cloud Technology & Services (34%)	34 Questions	Q11–20, Q42–43, Q45–46, Q50, Q52, Q55–57, Q63–66, Q72–77, Q82–84, Q86, Q88, Q90, Q92–93, Q96
<b>Domain 4</b>	Billing, Pricing & Support (12%)	12 Questions	Q22, Q37, Q49, Q54, Q60, Q73–75, Q85, Q87, Q89, Q95, Q97–99

## Remember — You Don't Need to Be Perfect to Pass!

A score of **700 out of 1000** means you can **miss 15–20 questions** and still succeed. Focus on identifying core AWS services by function and eliminating clearly wrong options under time pressure.

# Questions 1–10

**Q1.**

A company wants to analyze its AWS spending trends over the past six months. Which tool should they use?

- A) AWS Budgets
  - B) AWS Cost & Usage Report
  - C) AWS Trusted Advisor
  - D) AWS Cost Explorer
- 

**Q2.**

Which AWS service allows you to store and retrieve objects with 11 nines of durability and multiple storage classes?

- A) Amazon EFS
  - B) Amazon S3
  - C) Amazon EBS
  - D) AWS Storage Gateway
- 

**Q3.**

What AWS feature allows you to automatically scale EC2 instances based on traffic demand?

- A) EC2 Reserved Instances
  - B) Elastic Load Balancer
  - C) AWS Auto Scaling
  - D) EC2 Spot Instances
- 

**Q4.**

Who is responsible for setting up firewall rules to control traffic to EC2 instances?

- A) AWS
  - B) IAM Roles
  - C) The Customer
  - D) AWS Support
-

**Q5.**

A user needs to run code in response to an S3 file upload but does not want to manage any servers. Which service should they use?

- A) Amazon EC2
  - B) AWS Lambda
  - C) Amazon ECS
  - D) AWS Batch
- 

**Q6.**

Which AWS service enables secure VPN connectivity between your on-premises network and AWS?

- A) VPC Peering
  - B) NAT Gateway
  - C) Direct Connect
  - D) Site-to-Site VPN
- 

**Q7.**

Which of the following best describes the AWS Free Tier?

- A) Unlimited use of any AWS service for free.
  - B) 12-month trial with access to specific services under usage limits.
  - C) One-time credits for any AWS resource.
  - D) Always free S3 storage and EC2 usage.
- 

**Q8.**

What is the purpose of AWS Artifact?

- A) Manage EC2 instances
  - B) Monitor AWS usage
  - C) Provide compliance reports and certifications
  - D) Track infrastructure events
- 

**Q9.**

Which service helps protect applications from DDoS attacks at the network layer?

- A) AWS WAF
- B) AWS GuardDuty

- C) AWS Inspector
  - D) AWS Shield
- 

**Q10.**

Which AWS tool provides automated best practice checks for security, fault tolerance, and cost optimization?

- A) AWS CloudTrail
  - B) AWS Budgets
  - C) AWS Trusted Advisor
  - D) Amazon Inspector
- 

## Answers 1–10

**A1.**

**Answer: D) AWS Cost Explorer**

**Explanation:** AWS Cost Explorer is designed for visualizing and analyzing usage patterns and cost trends over time.

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**A2.**

**Answer: B) Amazon S3**

**Explanation:** S3 provides object storage with 99.999999999% durability and supports multiple storage classes like Standard, IA, and Glacier.

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**A3.**

**Answer: C) AWS Auto Scaling**

**Explanation:** AWS Auto Scaling dynamically adjusts the number of EC2 instances based on demand, maintaining performance and reducing cost.

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**A4.**

**Answer: C) The Customer**

**Explanation:** Under the shared responsibility model, customers manage the security of resources they configure, including setting firewall rules via security groups and NACLs.

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**A5.**

**Answer: B) AWS Lambda**

**Explanation:** Lambda runs code in response to events without provisioning or managing servers, making it ideal for event-driven workloads like S3 triggers.

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**A6.**

**Answer: D) Site-to-Site VPN**

**Explanation:** Site-to-Site VPN connects your on-premises data center securely to AWS over the internet using IPsec VPN tunnels.

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**A7.**

**Answer: B) 12-month trial with access to specific services under usage limits**

**Explanation:** The AWS Free Tier offers limited access to selected services for 12 months with defined usage caps (e.g., 750 hours EC2, 5GB S3).

---

**A8.**

**Answer: C) Provide compliance reports and certifications**

**Explanation:** AWS Artifact gives access to on-demand compliance documentation like SOC reports, ISO certifications, and PCI attestations.

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**A9.**

**Answer: D) AWS Shield**

**Explanation:** AWS Shield Standard provides DDoS protection at no additional cost; Shield Advanced adds enhanced detection and response.

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**A10.**

**Answer: C) AWS Trusted Advisor**

**Explanation:** Trusted Advisor offers checks in five categories: security, fault tolerance, performance, service limits, and cost optimization.

# Questions 11–20

## Q11.

Which of the following AWS services is a **serverless platform** for deploying and managing containerized applications?

- A) Amazon EC2
  - B) Amazon ECS with EC2 launch type
  - C) AWS Fargate
  - D) Amazon EKS
- 

## Q12.

A startup wants to minimize cost while testing a web application that may be interrupted without serious consequences. Which EC2 pricing model is best?

- A) Reserved Instances
  - B) On-Demand Instances
  - C) Dedicated Hosts
  - D) Spot Instances
- 

## Q13.

Which AWS service allows **SQL queries directly on data stored in Amazon S3**, without loading it into a database?

- A) Amazon Redshift
  - B) Amazon Athena
  - C) AWS Glue
  - D) Amazon RDS
- 

## Q14.

What AWS service is used to monitor **resource usage metrics** like CPU and memory and set alarms based on thresholds?

- A) AWS Config
  - B) Amazon Inspector
  - C) Amazon CloudWatch
  - D) AWS CloudTrail
-

**Q15.**

What is the **main function** of AWS Organizations?

- A) Hosting applications
  - B) Managing billing and applying policies across multiple AWS accounts
  - C) Configuring IAM permissions for users
  - D) Launching EC2 instances automatically
- 

**Q16.**

What is the recommended way to manage **programmatic access** to AWS resources for a web application hosted on EC2?

- A) Store credentials in EC2 user data
  - B) Use hardcoded access keys in the app
  - C) Attach an IAM role to the EC2 instance
  - D) Store credentials in a text file
- 

**Q17.**

Which support plan is required to access **AWS Infrastructure Event Management (IEM)** for assistance during large-scale launches?

- A) Basic
  - B) Developer
  - C) Business
  - D) Enterprise
- 

**Q18.**

A customer is evaluating which AWS storage service to use for **temporary storage of data that will be lost after instance termination**. Which should they choose?

- A) Amazon S3
  - B) Instance Store
  - C) Amazon EBS
  - D) AWS Storage Gateway
- 

**Q19.**

What type of storage is Amazon EBS best suited for?



- A) Large-scale data archives
  - B) Object-based storage
  - C) Virtual machine boot volumes and databases
  - D) Static website hosting
- 

**Q20.**

Which AWS service allows you to **set permissions based on user roles and policies**?

- A) AWS Systems Manager
  - B) AWS IAM
  - C) Amazon VPC
  - D) AWS KMS
- 

## Answers 11–20

**A11.**

**Answer: C) AWS Fargate**

**Explanation:** Fargate is a serverless compute engine for containers that removes the need to provision or manage EC2 instances. It works with ECS and EKS.

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**A12.**

**Answer: D) Spot Instances**

**Explanation:** EC2 Spot Instances offer up to 90% savings but can be interrupted with short notice. They're ideal for fault-tolerant testing workloads.

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**A13.**

**Answer: B) Amazon Athena**

**Explanation:** Athena is a serverless query service that lets you run SQL queries directly on data stored in S3 using standard SQL syntax.

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**A14.**

**Answer: C) Amazon CloudWatch**

**Explanation:** CloudWatch collects metrics and logs from AWS resources. You can create dashboards and set alarms for monitoring.

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**A15.**

**Answer: B) Managing billing and applying policies across multiple AWS accounts**

**Explanation:** AWS Organizations helps centrally manage multiple accounts, apply service control policies (SCPs), and consolidate billing.

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**A16.**

**Answer: C) Attach an IAM role to the EC2 instance**

**Explanation:** IAM roles grant temporary security credentials to applications running on EC2. It's secure and scalable.

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**A17.**

**Answer: D) Enterprise**

**Explanation:** Enterprise Support includes IEM, which provides AWS assistance for planning and executing high-impact events like product launches.

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**A18.**

**Answer: B) Instance Store**

**Explanation:** Instance Store provides temporary, physically attached block-level storage. Data is lost if the instance stops or terminates.

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**A19.**

**Answer: C) Virtual machine boot volumes and databases**

**Explanation:** EBS is block storage used with EC2 for high-performance needs like OS disks and database volumes.

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**A20.**

**Answer: B) AWS IAM**

**Explanation:** IAM allows you to create users, groups, and roles and define permissions using policies to control access to AWS services.

# Questions 21–30

**Q21.**

Which AWS service helps detect unauthorized activity, such as unusual API calls or potentially compromised instances?

- A) Amazon CloudWatch
  - B) AWS Shield
  - C) Amazon GuardDuty
  - D) AWS WAF
- 

**Q22.**

A team wants to automate infrastructure deployments across multiple environments using version-controlled templates. Which AWS service should they use?

- A) Amazon EC2
  - B) AWS Config
  - C) AWS CloudFormation
  - D) AWS Auto Scaling
- 

**Q23.**

Which AWS service enables secure and scalable Domain Name System (DNS) resolution for hosted applications?

- A) Amazon Route 53
  - B) Amazon CloudFront
  - C) AWS Direct Connect
  - D) AWS Global Accelerator
- 

**Q24.**

Which of the following describes the purpose of Amazon CloudFront?

- A) Protect applications from SQL injection
  - B) Cache content at edge locations to reduce latency
  - C) Route traffic between private VPCs
  - D) Create virtual firewalls for EC2 instances
-

**Q25.**

What is the purpose of using AWS Organizations Service Control Policies (SCPs)?

A) Encrypt data stored in S3

B) Block internet access from private subnets

C) Enforce permission boundaries across accounts

D) Configure security groups

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**Q26.**

Which of the following is a NoSQL key-value and document database provided by AWS?

A) Amazon RDS

B) Amazon Neptune

C) Amazon DynamoDB

D) Amazon Redshift

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**Q27.**

Which AWS service automatically collects and consolidates logs and metrics from multiple services in one place?

A) Amazon Inspector

B) AWS X-Ray

C) Amazon CloudWatch

D) AWS Glue

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**Q28.**

Which of the following describes Amazon Redshift?

A) In-memory cache

B) NoSQL database

C) Scalable data warehouse

D) Serverless API gateway

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**Q29.**

Which service is best for content-based routing, SSL termination, and HTTP layer traffic distribution?

A) Amazon Route 53

B) AWS Global Accelerator

- C) Network Load Balancer
  - D) Application Load Balancer
- 

**Q30.**

Which AWS service helps manage configuration compliance and detects changes to resource configurations?

- A) Amazon CloudTrail
  - B) AWS Config
  - C) AWS Systems Manager
  - D) AWS Certificate Manager
- 

## Answers 21–30

**A21.**

**Answer: C) Amazon GuardDuty**

**Explanation:** GuardDuty detects suspicious activity like unusual API calls or malware by analyzing AWS logs using machine learning.

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**A22.**

**Answer: C) AWS CloudFormation**

**Explanation:** CloudFormation allows you to model infrastructure with code using templates in YAML/JSON to automate consistent deployments.

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**A23.**

**Answer: A) Amazon Route 53**

**Explanation:** Route 53 is a scalable DNS web service for domain registration, routing, and health checks.

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**A24.**

**Answer: B) Cache content at edge locations to reduce latency**

**Explanation:** CloudFront is a CDN that delivers cached content via edge locations, improving performance for users globally.

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**A25.**

**Answer: C) Enforce permission boundaries across accounts**

**Explanation:** SCPs let you set maximum permissions that accounts under AWS Organizations can have, regardless of IAM settings.

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**A26.**

**Answer: C) Amazon DynamoDB**

**Explanation:** DynamoDB is a fully managed NoSQL database service with fast performance and auto-scaling.

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**A27.**

**Answer: C) Amazon CloudWatch**

**Explanation:** CloudWatch aggregates logs and metrics from AWS services and resources and allows alerting and visualization.

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**A28.**

**Answer: C) Scalable data warehouse**

**Explanation:** Redshift is AWS's petabyte-scale data warehousing solution for analytics and OLAP workloads.

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**A29.**

**Answer: D) Application Load Balancer**

**Explanation:** ALB operates at Layer 7 (HTTP/HTTPS) and can route traffic based on content in requests, such as paths or headers.

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**A30.**

**Answer: B) AWS Config**

**Explanation:** AWS Config tracks resource configurations, helps audit compliance, and notifies about configuration drift.

# Questions 31–40

## Q31.

Which of the following is an AWS **fully managed relational database service** that supports MySQL and PostgreSQL?

- A) Amazon DynamoDB
  - B) Amazon Redshift
  - C) Amazon Aurora
  - D) Amazon Neptune
- 

## Q32.

What is the **primary function** of AWS Identity and Access Management (IAM)?

- A) Encrypting data at rest
  - B) Managing billing reports
  - C) Setting permissions and access control for AWS services
  - D) Launching cloud resources automatically
- 

## Q33.

What is a benefit of using **AWS managed services** like Amazon RDS or AWS Lambda?

- A) You must manage server patching
  - B) Reduced need for operational overhead
  - C) Higher cost due to lack of control
  - D) Increased setup time
- 

## Q34.

Which of the following AWS services **lets you monitor resource limits and usage across AWS accounts**?

- A) AWS Trusted Advisor
  - B) Amazon CloudWatch
  - C) AWS Config
  - D) AWS Budgets
-

**Q35.**

Which AWS service allows users to create **interactive dashboards** from data stored in AWS services?

- A) Amazon Athena
  - B) AWS Glue
  - C) Amazon QuickSight
  - D) AWS Data Pipeline
- 

**Q36.**

Which AWS support plan is best suited for a **production environment** requiring 24/7 access to Cloud Support Engineers but **not** a TAM?

- A) Basic
  - B) Developer
  - C) Business
  - D) Enterprise
- 

**Q37.**

What AWS feature **automatically distributes traffic** across multiple targets in one or more AZs to ensure high availability?

- A) NAT Gateway
  - B) Application Load Balancer
  - C) Security Group
  - D) Route Table
- 

**Q38.**

Which AWS service provides a **central location to download AWS compliance reports** such as SOC 2 and ISO 27001?

- A) AWS Shield
  - B) AWS Config
  - C) AWS Artifact
  - D) Amazon Inspector
- 

**Q39.**

A customer needs to **minimize latency** when delivering content to global users. Which AWS service should they use?



- A) Amazon Route 53
  - B) Amazon S3
  - C) Amazon CloudFront
  - D) Amazon RDS
- 

**Q40.**

Which AWS service should you use to **schedule and run automated scripts** like backups or system updates without managing infrastructure?

- A) Amazon EC2
  - B) Amazon Inspector
  - C) AWS Lambda
  - D) AWS CloudTrail
- 

## Answers 31–40

**A31.**

**Answer: C) Amazon Aurora**

**Explanation:** Aurora is a managed relational database service compatible with MySQL and PostgreSQL, offering high availability and performance.

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**A32.**

**Answer: C) Setting permissions and access control for AWS services**

**Explanation:** IAM controls who can access which AWS services and resources, using roles, users, and policies.

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**A33.**

**Answer: B) Reduced need for operational overhead**

**Explanation:** Managed services like RDS and Lambda reduce the need to manage servers, patching, scaling, and backups.

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**A34.**

**Answer: A) AWS Trusted Advisor**

**Explanation:** Trusted Advisor monitors AWS accounts for best practices including service limits, security, and performance recommendations.

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**A35.**

**Answer: C) Amazon QuickSight**

**Explanation:** QuickSight is a business intelligence tool that allows users to build and share interactive dashboards.

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**A36.**

**Answer: C) Business**

**Explanation:** Business Support includes 24/7 access to Cloud Support Engineers but does not provide a dedicated Technical Account Manager (TAM).

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**A37.**

**Answer: B) Application Load Balancer**

**Explanation:** ALB distributes incoming HTTP/HTTPS traffic across multiple targets in multiple AZs for high availability and fault tolerance.

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**A38.**

**Answer: C) AWS Artifact**

**Explanation:** AWS Artifact provides access to compliance documents such as audit reports and certifications.

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**A39.**

**Answer: C) Amazon CloudFront**

**Explanation:** CloudFront is a global content delivery network (CDN) that delivers content with low latency using edge locations.

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**A40.**

**Answer: C) AWS Lambda**

**Explanation:** Lambda runs code in response to triggers or scheduled events (using EventBridge), without provisioning or managing servers.

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# Questions 41–50

## Q41.

What is the main purpose of AWS Direct Connect?

- A) Provide high-performance DNS resolution
  - B) Connect AWS to edge locations
  - C) Provide a dedicated private network connection between AWS and on-premises data centers
  - D) Provide a secure VPN over the public internet
- 

## Q42.

Which AWS storage service is most appropriate for **archiving data** that is rarely accessed and can tolerate long retrieval times?

- A) Amazon EBS
  - B) Amazon S3 Standard
  - C) Amazon S3 Glacier Deep Archive
  - D) Amazon EFS
- 

## Q43.

Which AWS database service is optimized for **online analytical processing (OLAP)** and large-scale reporting workloads?

- A) Amazon Aurora
  - B) Amazon RDS
  - C) Amazon Redshift
  - D) Amazon Neptune
- 

## Q44.

Which AWS service helps detect **misconfigured security settings** like open S3 buckets or exposed credentials?

- A) Amazon CloudWatch
  - B) AWS GuardDuty
  - C) AWS Trusted Advisor
  - D) AWS Shield
-

**Q45.**

What AWS service enables **event-driven application architectures** by routing real-time events from sources to targets?

- A) AWS CloudFormation
  - B) Amazon EventBridge
  - C) AWS CloudTrail
  - D) AWS Glue
- 

**Q46.**

A company wants to give an IAM user the ability to view only billing information. Which IAM policy should be applied?

- A) FullAdministrator
  - B) AmazonEC2FullAccess
  - C) ViewBilling
  - D) AmazonS3ReadOnlyAccess
- 

**Q47.**

Which AWS service allows you to **store secrets** such as database credentials and API keys securely?

- A) Amazon KMS
  - B) AWS IAM
  - C) AWS Secrets Manager
  - D) AWS Config
- 

**Q48.**

Which AWS service provides a **virtual desktop infrastructure** solution allowing remote employees to access desktop environments?

- A) Amazon AppStream 2.0
  - B) Amazon EC2
  - C) Amazon WorkSpaces
  - D) AWS Lambda
- 

**Q49.**

Which tool helps you **estimate monthly AWS costs before resources are deployed**?

- A) AWS Budgets
  - B) AWS Pricing Calculator
  - C) AWS Cost Explorer
  - D) AWS Trusted Advisor
- 

**Q50.**

Which AWS service lets you run **managed Kubernetes clusters**?

- A) Amazon ECS
  - B) AWS Batch
  - C) AWS Fargate
  - D) Amazon EKS
- 

## Answers 41–50

**A41.**

**Answer: C) Provide a dedicated private network connection between AWS and on-premises data centers**

**Explanation:** AWS Direct Connect establishes a dedicated, high-throughput, low-latency private connection between your data center and AWS.

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**A42.**

**Answer: C) Amazon S3 Glacier Deep Archive**

**Explanation:** Glacier Deep Archive is ideal for rarely accessed data that can tolerate retrieval times of 12 hours or more at a very low cost.

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**A43.**

**Answer: C) Amazon Redshift**

**Explanation:** Redshift is a data warehouse service optimized for complex analytical queries and reporting (OLAP).

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**A44.**

**Answer: C) AWS Trusted Advisor**

**Explanation:** Trusted Advisor performs checks for best practices and flags misconfigured resources like publicly accessible S3 buckets.

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**A45.**

**Answer: B) Amazon EventBridge**

**Explanation:** EventBridge is a serverless event bus that routes real-time events from AWS services, SaaS apps, and custom apps to targets.

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**A46.**

**Answer: C) ViewBilling**

**Explanation:** The ViewBilling managed policy grants read-only access to billing and cost management data in the AWS Console.

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**A47.**

**Answer: C) AWS Secrets Manager**

**Explanation:** Secrets Manager securely stores and rotates secrets like database credentials and API keys, integrating with other AWS services.

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**A48.**

**Answer: C) Amazon WorkSpaces**

**Explanation:** WorkSpaces provides fully managed, persistent virtual desktop environments for remote workforces.

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**A49.**

**Answer: B) AWS Pricing Calculator**

**Explanation:** Pricing Calculator estimates the cost of AWS resources before deployment based on configuration and usage inputs.

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**A50.**

**Answer: D) Amazon EKS**

**Explanation:** Amazon EKS is a managed service for running Kubernetes clusters without manually managing control plane infrastructure.

# Questions 51–60

## Q51.

A company wants to analyze traffic flow between its EC2 instances to identify unexpected connections. Which AWS tool should they use?

- A) Amazon CloudWatch
  - B) AWS Config
  - C) VPC Flow Logs
  - D) AWS CloudTrail
- 

## Q52.

Which AWS service provides **object-level versioning** to help recover from accidental deletes or overwrites?

- A) Amazon EFS
  - B) Amazon S3
  - C) Amazon EBS
  - D) Amazon FSx
- 

## Q53.

What is the purpose of enabling **Multi-Factor Authentication (MFA)** on an AWS account?

- A) Automatically encrypt all stored data
  - B) Restrict access to certain regions
  - C) Add a second layer of login security
  - D) Prevent DDoS attacks
- 

## Q54.

Which AWS service enables **automatic patching, backups, and failover** for relational databases?

- A) Amazon EC2
  - B) Amazon Aurora
  - C) Amazon Redshift
  - D) Amazon RDS
-

**Q55.**

Which type of **IP address** is assigned to resources in a private subnet that do **not** require direct internet access?

- A) Elastic IP
  - B) IPv6
  - C) Public IP
  - D) Private IP
- 

**Q56.**

Which service can be used to **store and deliver static web content**, such as HTML and image files?

- A) Amazon S3
  - B) Amazon EC2
  - C) Amazon RDS
  - D) AWS WAF
- 

**Q57.**

What AWS service provides **a managed environment for building, training, and deploying machine learning models**?

- A) Amazon Comprehend
  - B) Amazon Polly
  - C) Amazon SageMaker
  - D) Amazon Lex
- 

**Q58.**

Which AWS service allows you to **securely access and manage systems across hybrid environments using an agent**?

- A) AWS CloudTrail
  - B) Amazon Inspector
  - C) AWS Systems Manager
  - D) AWS IAM
- 

**Q59.**

A company stores backup files in Amazon S3 but wants to **automatically move them to a cheaper storage class** after 30 days. What should they use?



- A) Object Lock
  - B) S3 Access Analyzer
  - C) S3 Versioning
  - D) S3 Lifecycle Policy
- 

**Q60.**

Which of the following services allows you to **register custom domain names** directly from AWS?

- A) Amazon CloudFront
  - B) Amazon Route 53
  - C) Amazon Lightsail
  - D) AWS Directory Service
- 

## Answers 51–60

**A51.**

**Answer: C) VPC Flow Logs**

**Explanation:** VPC Flow Logs capture information about IP traffic going to and from network interfaces, helping analyze and troubleshoot connectivity issues.

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**A52.**

**Answer: B) Amazon S3**

**Explanation:** S3 supports versioning, allowing recovery of previous versions of objects in case of accidental deletion or overwrite.

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**A53.**

**Answer: C) Add a second layer of login security**

**Explanation:** MFA requires an additional form of verification, such as a one-time code, enhancing account protection.

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**A54.**

**Answer: D) Amazon RDS**

**Explanation:** RDS is a managed database service that automates patching, backups, and failover across multiple engines like MySQL and PostgreSQL.

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**A55.**

**Answer: D) Private IP**

**Explanation:** Resources in private subnets are assigned private IPs to prevent direct internet exposure.

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**A56.**

**Answer: A) Amazon S3**

**Explanation:** S3 can host static websites and store files like HTML, CSS, and images for global access.

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**A57.**

**Answer: C) Amazon SageMaker**

**Explanation:** SageMaker provides a full machine learning workflow from building to training and deploying ML models.

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**A58.**

**Answer: C) AWS Systems Manager**

**Explanation:** Systems Manager enables operational control of hybrid environments via SSM Agent, including patching and command execution.

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**A59.**

**Answer: D) S3 Lifecycle Policy**

**Explanation:** Lifecycle policies automate moving data between storage classes based on defined rules and durations.

---

**A60.**

**Answer: B) Amazon Route 53**

**Explanation:** Route 53 allows customers to register, manage, and route traffic for custom domain names.

# Questions 61–70

## Q61.

Which AWS service helps you build **chatbots** that can integrate with messaging platforms and respond using natural language?

- A) Amazon Comprehend
  - B) Amazon SageMaker
  - C) Amazon Lex
  - D) AWS Lambda
- 

## Q62.

A company needs a solution to **store user session data** that can be retrieved very quickly and with low latency. Which AWS service is best suited?

- A) Amazon RDS
  - B) Amazon DynamoDB
  - C) Amazon Redshift
  - D) Amazon ElastiCache
- 

## Q63.

Which AWS service would you use to **create, manage, and deploy SSL/TLS certificates** for securing websites?

- A) AWS KMS
  - B) Amazon Certificate Manager (ACM)
  - C) AWS Shield
  - D) AWS Secrets Manager
- 

## Q64.

Which AWS tool allows you to **forecast costs and usage**, visualize spending trends, and apply filters based on services or linked accounts?

- A) AWS Budgets
  - B) AWS Billing Dashboard
  - C) AWS Cost Explorer
  - D) AWS Pricing Calculator
-

**Q65.**

What AWS service is used to **run background jobs or batch processing workloads at any scale**?

- A) AWS Step Functions
  - B) Amazon EC2 Auto Scaling
  - C) AWS Batch
  - D) AWS Glue
- 

**Q66.**

A team wants to use **Infrastructure as Code** to create consistent AWS environments across development, test, and production. Which service should they use?

- A) AWS Systems Manager
  - B) AWS CloudFormation
  - C) AWS CloudTrail
  - D) Amazon EventBridge
- 

**Q67.**

Which AWS service is responsible for **resolving DNS queries and routing user traffic** to healthy endpoints based on routing policies?

- A) Amazon CloudFront
  - B) AWS Route 53
  - C) AWS Global Accelerator
  - D) AWS Transit Gateway
- 

**Q68.**

Which AWS offering helps users **experiment and learn cloud skills** using sandbox environments and guided exercises?

- A) AWS Academy
  - B) AWS Skill Builder
  - C) AWS Training and Certification
  - D) AWS CloudTrail
- 

**Q69.**

What type of **encryption** is used to protect data in transit in most AWS services?

- A) VPN encryption
  - B) TLS/SSL
  - C) IAM-based
  - D) KMS rotation
- 

**Q70.**

Which AWS support plan includes **one-on-one architectural guidance** through a Technical Account Manager (TAM)?

- A) Basic
  - B) Developer
  - C) Business
  - D) Enterprise
- 

## Answers 61–70

**A61.**

**Answer: C) Amazon Lex**

**Explanation:** Amazon Lex is a service for building conversational interfaces and chatbots using speech and text.

---

**A62.**

**Answer: D) Amazon ElastiCache**

**Explanation:** ElastiCache is a fully managed in-memory data store (Redis/Memcached) for sub-millisecond access, ideal for caching user sessions.

---

**A63.**

**Answer: B) Amazon Certificate Manager (ACM)**

**Explanation:** ACM issues and manages SSL/TLS certificates, which are used to secure web traffic and enable HTTPS.

---

**A64.**

**Answer: C) AWS Cost Explorer**

**Explanation:** Cost Explorer visualizes and breaks down cost and usage data with filtering by service, tags, and time range.

---

**A65.**

**Answer: C) AWS Batch**

**Explanation:** AWS Batch allows developers and scientists to run hundreds or thousands of batch computing jobs efficiently.

---

**A66.**

**Answer: B) AWS CloudFormation**

**Explanation:** CloudFormation enables infrastructure deployment using code (YAML/JSON) for consistent, repeatable provisioning.

---

**A67.**

**Answer: B) AWS Route 53**

**Explanation:** Route 53 resolves DNS queries and routes traffic to healthy application endpoints using routing policies like latency or failover.

---

**A68.**

**Answer: B) AWS Skill Builder**

**Explanation:** AWS Skill Builder offers free training, hands-on labs, and interactive exercises for learning AWS services.

---

**A69.**

**Answer: B) TLS/SSL**

**Explanation:** Most AWS services encrypt data in transit using Transport Layer Security (TLS), also referred to as SSL.

---

**A70.**

**Answer: D) Enterprise**

**Explanation:** The Enterprise Support plan includes a dedicated TAM who provides strategic guidance and ongoing architecture reviews.

# Questions 71–80

## Q71.

Which AWS service enables users to **securely share files between multiple EC2 instances across AZs** using a standard file system interface?

- A) Amazon S3
  - B) Amazon EBS
  - C) Amazon EFS
  - D) AWS Storage Gateway
- 

## Q72.

What AWS service **detects and protects web applications from common exploits**, such as SQL injection and cross-site scripting (XSS)?

- A) AWS Shield
  - B) AWS WAF
  - C) AWS Inspector
  - D) AWS IAM
- 

## Q73.

Which AWS service helps you **centrally manage access** to multiple AWS accounts and applications using SSO (Single Sign-On)?

- A) AWS IAM
  - B) AWS Directory Service
  - C) IAM Identity Center
  - D) Amazon Cognito
- 

## Q74.

Which of the following describes **Amazon EC2 Spot Instances**?

- A) Reserved for long-term use with predictable pricing
  - B) Provide access to unused compute capacity at reduced rates
  - C) Allow isolated hardware for compliance requirements
  - D) Always run without interruption
-

**Q75.**

What AWS service is used to **provision, configure, and manage Windows or Linux virtual desktops** in the cloud?

- A) Amazon EC2
  - B) Amazon WorkSpaces
  - C) Amazon AppStream 2.0
  - D) AWS Systems Manager
- 

**Q76.**

Which AWS service is commonly used to **integrate IoT (Internet of Things) devices** with the AWS Cloud?

- A) AWS Greengrass
  - B) AWS IoT Core
  - C) AWS Lambda
  - D) AWS Systems Manager
- 

**Q77.**

Which of the following best describes the role of **Amazon CloudWatch Logs**?

- A) Store image snapshots of EBS volumes
  - B) Log API activity across AWS services
  - C) Monitor and store log data from applications and AWS resources
  - D) Automatically detect DDoS attacks
- 

**Q78.**

What is the **default security behavior** for a newly created Amazon S3 bucket?

- A) Publicly accessible
  - B) Versioning enabled
  - C) Encryption enabled
  - D) Private and blocked from public access
- 

**Q79.**

What AWS service can be used to **store, version, and manage private application code repositories**?



- A) AWS CodePipeline
  - B) AWS CodeBuild
  - C) AWS CodeCommit
  - D) AWS CloudFormation
- 

**Q80.**

A company wants to **restrict the regions** in which developers can launch AWS services. Which AWS feature should they use?

- A) IAM inline policy
  - B) Service Control Policies (SCPs)
  - C) Amazon CloudWatch
  - D) AWS Config
- 

## Answers 71–80

**A71.**

**Answer: C) Amazon EFS**

**Explanation:** EFS provides a scalable, shared file system that can be mounted by multiple EC2 instances across Availability Zones.

---

**A72.**

**Answer: B) AWS WAF**

**Explanation:** AWS Web Application Firewall (WAF) protects web applications from common web exploits like SQL injection and XSS.

---

**A73.**

**Answer: C) IAM Identity Center**

**Explanation:** IAM Identity Center (formerly AWS SSO) manages single sign-on access across AWS accounts and applications.

---

**A74.**

**Answer: B) Provide access to unused compute capacity at reduced rates**

**Explanation:** EC2 Spot Instances offer significant discounts compared to On-Demand by using spare capacity, but they can be interrupted.

---

**A75.**

**Answer: B) Amazon WorkSpaces**

**Explanation:** WorkSpaces is a managed desktop-as-a-service solution that provides Windows and Linux virtual desktops.

---

**A76.**

**Answer: B) AWS IoT Core**

**Explanation:** AWS IoT Core allows you to securely connect IoT devices to the AWS Cloud and process their data in real time.

---

**A77.**

**Answer: C) Monitor and store log data from applications and AWS resources**

**Explanation:** CloudWatch Logs collects log data from AWS services and custom apps for real-time monitoring and analysis.

---

**A78.**

**Answer: D) Private and blocked from public access**

**Explanation:** By default, new S3 buckets are private and block all public access to ensure secure data storage.

---

**A79.**

**Answer: C) AWS CodeCommit**

**Explanation:** CodeCommit is a fully managed source control service that hosts private Git repositories.

---

**A80.**

**Answer: B) Service Control Policies (SCPs)**

**Explanation:** SCPs allow administrators to set permission boundaries and restrict access to specific regions or services within AWS Organizations.

---

# Questions 81–90

## Q81.

Which AWS service allows **real-time analysis of streaming data**, such as clickstreams and IoT telemetry?

- A) Amazon Redshift
  - B) Amazon Kinesis
  - C) Amazon Athena
  - D) AWS Glue
- 

## Q82.

A company wants to ensure all data stored in Amazon S3 is **automatically encrypted**. Which should they configure?

- A) S3 Lifecycle Policy
  - B) Server-Side Encryption
  - C) S3 Transfer Acceleration
  - D) Bucket Versioning
- 

## Q83.

Which of the following provides a **cost-effective storage solution for frequently accessed files** in Amazon S3?

- A) S3 Glacier
  - B) S3 One Zone-IA
  - C) S3 Standard
  - D) S3 Glacier Deep Archive
- 

## Q84.

Which AWS service allows **API developers to manage traffic**, create caching layers, and publish APIs at scale?

- A) AWS Lambda
  - B) Amazon CloudFront
  - C) Amazon API Gateway
  - D) AWS Direct Connect
-

**Q85.**

What is a benefit of using AWS Auto Scaling?

- A) Automatic backup of EBS volumes
  - B) Automatic patching of EC2 instances
  - C) Automatic scaling of compute resources based on demand
  - D) Redundant network paths between Regions
- 

**Q86.**

Which service allows you to **launch pre-configured virtual private servers** with simplified pricing and management?

- A) Amazon EC2
  - B) Amazon Lightsail
  - C) AWS Fargate
  - D) Amazon EKS
- 

**Q87.**

Which AWS service lets you **centrally track and audit configuration changes** to AWS resources?

- A) AWS CloudTrail
  - B) Amazon CloudWatch
  - C) AWS Config
  - D) AWS Budgets
- 

**Q88.**

Which of the following is a **graph database service** used to model relationships between highly connected data?

- A) Amazon Neptune
  - B) Amazon Redshift
  - C) Amazon Aurora
  - D) Amazon DynamoDB
- 

**Q89.**

A customer wants to restrict access to an S3 bucket so that only **users from a specific IP address range** can retrieve objects. What should they use?

- A) VPC Peering
  - B) IAM Roles
  - C) Bucket Policy
  - D) S3 Versioning
- 

**Q90.**

Which AWS service provides **code-level tracing** for applications to help developers find bottlenecks or performance issues?

- A) AWS Inspector
  - B) AWS CloudTrail
  - C) AWS X-Ray
  - D) AWS Config
- 

## Answers 81–90

**A81.**

**Answer: B) Amazon Kinesis**

**Explanation:** Kinesis enables real-time processing and analytics of streaming data such as logs, telemetry, and clickstreams.

---

**A82.**

**Answer: B) Server-Side Encryption**

**Explanation:** S3 supports automatic server-side encryption using AWS-managed keys (SSE-S3) or customer-managed keys (SSE-KMS).

---

**A83.**

**Answer: C) S3 Standard**

**Explanation:** S3 Standard is designed for frequently accessed data with low latency and high durability.

---

**A84.**

**Answer: C) Amazon API Gateway**

**Explanation:** API Gateway manages and scales APIs, includes caching, throttling, and authorization capabilities.

---

**A85.**

**Answer: C) Automatic scaling of compute resources based on demand**

**Explanation:** Auto Scaling helps maintain performance by automatically adjusting the number of instances to match demand.

---

**A86.**

**Answer: B) Amazon Lightsail**

**Explanation:** Lightsail provides easy-to-use VPS instances with simple pricing and preconfigured development stacks.

---

**A87.**

**Answer: C) AWS Config**

**Explanation:** AWS Config continuously tracks resource configuration changes and evaluates compliance with defined rules.

---

**A88.**

**Answer: A) Amazon Neptune**

**Explanation:** Neptune is a fully managed graph database optimized for storing and querying highly connected datasets.

---

**A89.**

**Answer: C) Bucket Policy**

**Explanation:** Bucket policies allow fine-grained access control to S3 resources, including IP-based access restrictions.

---

**A90.**

**Answer: C) AWS X-Ray**

**Explanation:** AWS X-Ray traces requests as they travel through applications and services, helping debug latency and errors.

# Questions 91–100

## Q91.

Which AWS service allows you to **build a virtual network** in the AWS Cloud that is logically isolated from other AWS customers?

- A) Amazon VPC
  - B) Amazon EC2
  - C) AWS Direct Connect
  - D) AWS IAM
- 

## Q92.

What does Amazon S3 **intelligent-tiering** do?

- A) Provides high-speed transfer of large objects
  - B) Automatically replicates data across Regions
  - C) Optimizes costs by moving data between access tiers based on usage
  - D) Blocks access to public IP addresses
- 

## Q93.

Which service is used to **move large amounts of data into AWS** using physical devices when internet transfer is too slow or costly?

- A) AWS Direct Connect
  - B) AWS DataSync
  - C) AWS Snowball
  - D) AWS Glue
- 

## Q94.

Which AWS security service **monitors for malicious activity and unauthorized behavior** using machine learning?

- A) AWS WAF
  - B) Amazon GuardDuty
  - C) AWS Config
  - D) AWS Artifact
-

**Q95.**

Which AWS service helps businesses **deploy and scale web apps and services** automatically without managing infrastructure?

- A) AWS Lambda
  - B) Amazon EC2
  - C) AWS Elastic Beanstalk
  - D) Amazon Lightsail
- 

**Q96.**

Which AWS service lets you **run and scale containerized applications** without managing the underlying EC2 infrastructure?

- A) Amazon ECS with EC2
  - B) Amazon EC2 Auto Scaling
  - C) AWS Fargate
  - D) Amazon RDS
- 

**Q97.**

Which AWS service **simplifies software deployment** by managing the build, test, and release process automatically?

- A) AWS CodeDeploy
  - B) AWS CodeCommit
  - C) AWS CodePipeline
  - D) AWS CloudFormation
- 

**Q98.**

Which tool allows an organization to **apply budget thresholds and receive alerts** if spending exceeds the configured amount?

- A) AWS Billing Console
  - B) AWS Cost Explorer
  - C) AWS Budgets
  - D) AWS Pricing Calculator
- 

**Q99.**

A company needs to give **temporary access** to an S3 bucket for a third-party vendor. What is the best method?



- A) Enable public access
  - B) Use MFA
  - C) Create an IAM user with permanent credentials
  - D) Generate a pre-signed URL
- 

**Q100.**

Which service provides **network-level DDoS protection** for applications running in AWS?

- A) AWS Shield
  - B) AWS WAF
  - C) AWS Firewall Manager
  - D) AWS Secrets Manager
- 

## Answers 91–100

**A91.**

**Answer: A) Amazon VPC**

**Explanation:** VPC allows you to define a private, isolated network within AWS where you control IP ranges, subnets, route tables, and gateways.

---

**A92.**

**Answer: C) Optimizes costs by moving data between access tiers based on usage**

**Explanation:** S3 Intelligent-Tiering automatically moves objects between frequent and infrequent access tiers to reduce storage costs.

---

**A93.**

**Answer: C) AWS Snowball**

**Explanation:** Snowball is a physical device used for transferring large data volumes securely to AWS when network transfer isn't practical.

---

**A94.**

**Answer: B) Amazon GuardDuty**

**Explanation:** GuardDuty uses ML and integrated data sources to identify threats and suspicious activity in AWS environments.

---

**A95.**

**Answer: C) AWS Elastic Beanstalk**

**Explanation:** Elastic Beanstalk deploys and manages apps in the cloud, handling provisioning, load balancing, scaling, and monitoring.

---

**A96.**

**Answer: C) AWS Fargate**

**Explanation:** Fargate is a serverless compute engine for containers that lets you run ECS or EKS tasks without managing EC2 instances.

---

**A97.**

**Answer: C) AWS CodePipeline**

**Explanation:** CodePipeline automates the software release process including building, testing, and deploying applications.

---

**A98.**

**Answer: C) AWS Budgets**

**Explanation:** AWS Budgets lets you set custom cost and usage thresholds and alerts you via email or SNS when thresholds are crossed.

---

**A99.**

**Answer: D) Generate a pre-signed URL**

**Explanation:** A pre-signed URL grants time-limited access to specific S3 objects without changing bucket permissions.

---

**A100.**

**Answer: A) AWS Shield**

**Explanation:** AWS Shield provides DDoS protection at the network and transport layers. Shield Standard is included with all AWS accounts.