

Question #: 134

988 # Which option is an AWS Cloud Adoption Framework (AWS CAF) business perspective capability?

- A. Culture evolution
- B. Event management
- C. Data monetization
- D. Platform architecture

Selected Answer: C

Data Monetization indeed: <https://docs.aws.amazon.com/whitepapers/latest/aws-caf-business-perspective/aws-caf-business-perspective.html>

Question #: 133

989 # Which option is a benefit of using AWS for cloud computing?

- A. Trade variable expense for fixed expense
- B. Pay-as-you-go pricing
- C. Decreased speed and agility
- D. Spending money running and maintaining data centers

Selected Answer: B

Reference: <https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html>

Question #: 132

990 # Which task is a responsibility of AWS, according to the AWS shared responsibility model?

- A. Enable client-side encryption for objects that are stored in Amazon S3.
- B. Configure IAM security policies to comply with the principle of least privilege.
- C. Patch the guest operating system on an Amazon EC2 instance.
- D. Apply updates to the Nitro Hypervisor.

Selected Answer: D

Reference: <https://aws.amazon.com/compliance/shared-responsibility-model/>

Question #: 131

991 # Which of the following services is in the category of AWS serverless platform?

- A. Amazon EMR
- B. Elastic Load Balancing
- C. AWS Lambda
- D. AWS Mobile Hub

Suggested Answer: C

Question #: 130

992 # Which option is a shared responsibility between AWS and its customers under the AWS shared responsibility model?

- A. Configuration of Amazon EC2 instance operating systems
- B. Application file system server-side encryption
- C. Patch management
- D. Security of the physical infrastructure

Suggested Answer: C

Question #: 129

993 # Which Amazon EC2 pricing model is the MOST cost efficient for an uninterruptible workload that runs once a year for 24 hours?

- A. On-Demand Instances
- B. Reserved Instances
- C. Spot Instances
- D. Dedicated Instances

Selected Answer: A

Question #: 128

994 # A company has a compute workload that is steady, predictable, and uninterruptible.

Which Amazon EC2 instance purchasing options meet these requirements MOST cost-effectively? (Choose two.)

- A. On-Demand Instances
- B. Reserved Instances
- C. Spot Instances
- D. Saving Plans

E. Dedicated Hosts
Selected Answer: BD

Question #: 127

995 # Which perspective in the AWS Cloud Adoption Framework (AWS CAF) includes capabilities for configuration management and patch management?

- A. Platform
- B. Operations
- C. Security
- D. Governance

Selected Answer: B

Reference: <https://docs.aws.amazon.com/whitepapers/latest/overview-aws-cloud-adoption-framework/operations-perspective.html>

Question #: 125

996 # Which of the following is the customer responsible for updating and patching, according to the AWS shared responsibility model?

- A. Amazon FSx for Windows File Server
- B. Amazon WorkSpaces virtual Windows desktop
- C. AWS Directory Service for Microsoft Active Directory
- D. Amazon RDS for Microsoft SQL Server

Selected Answer: B

<https://docs.aws.amazon.com/workspaces/latest/adminguide/update-management.html>

Question #: 124

997 # A solution that is able to support growth in users, traffic, or data size with no drop in performance aligns with which cloud architecture principle?

- A. Think parallel
- B. Implement elasticity
- C. Decouple your components
- D. Design for failure

Selected Answer: B

Question #: 107

998 # A company has multiple AWS accounts that include compute workloads that cannot be interrupted. The company wants to obtain billing discounts that are based on the company's use of AWS services.

Which AWS feature or purchasing option will meet these requirements?

- A. Resource tagging
- B. Consolidated billing
- C. Pay-as-you-go pricing
- D. Spot Instances

Selected Answer: B

<https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/consolidated-billing.html>

Question #: 122

999 # Which of the following is an advantage that users experience when they move on-premises workloads to the AWS Cloud?

- A. Elimination of expenses for running and maintaining data centers
- B. Price discounts that are identical to discounts from hardware providers
- C. Distribution of all operational controls to AWS
- D. Elimination of operational expenses

Selected Answer: A

Question #: 121

1000 # Which AWS service provides a feature that can be used to proactively monitor and plan for the service quotas of AWS resources?

- A. AWS CloudTrail
- B. AWS Personal Health Dashboard
- C. AWS Trusted Advisor
- D. Amazon CloudWatch

Selected Answer: C

Question #: 120

1001 # A company wants to design a centralized storage system to manage the configuration data and passwords for its critical business applications.

Which AWS service or capability will meet these requirements MOST cost-effectively?

- A. AWS Systems Manager Parameter Store
- B. AWS Secrets Manager
- C. AWS Config
- D. Amazon S3

Selected Answer: A

Question #: 119

1002 # Which AWS service or feature provides log information of the inbound and outbound traffic on network interfaces in a VPC?

- A. Amazon CloudWatch Logs
- B. AWS CloudTrail
- C. VPC Flow Logs
- D. AWS Identity and Access Management (IAM)

Selected Answer: C

Question #: 118

1003 # What type of database is Amazon DynamoDB?

- A. In-memory
- B. Relational
- C. Key-value
- D. Graph

Selected Answer: C

Question #: 117

1004 # In which scenario should Amazon EC2 Spot Instances be used?

- A. A company wants to move its main website to AWS from an on-premises web server.
- B. A company has a number of application services whose Service Level Agreement (SLA) requires 99.999% uptime.
- C. A company's heavily used legacy database is currently running on-premises.
- D. A company has a number of infrequent, interruptible jobs that are currently using On-Demand Instances.

Selected Answer: D

Question #: 116

1005 # Which fully managed AWS service assists with the creation, testing, and management of custom Amazon EC2 images?

- A. EC2 Image Builder
- B. Amazon Machine Image (AMI)
- C. AWS Launch Wizard
- D. AWS Elastic Beanstalk

Selected Answer: A

Reference: <https://aws.amazon.com/image-builder/faqs/>

Question #: 115

1006 # A social media company wants to protect its web application from common web exploits such as SQL injections and cross-site scripting. Which AWS service will meet these requirements?

- A. Amazon Inspector
- B. AWS WAF
- C. Amazon GuardDuty
- D. Amazon CloudWatch

Selected Answer: B

Question #: 114

1007 # A company is planning its migration to the AWS Cloud. The company is identifying its capability gaps by using the AWS Cloud Adoption Framework (AWS CAF) perspectives.

Which phase of the cloud transformation journey includes these identification activities?

- A. Envision
- B. Align
- C. Scale
- D. Launch

Selected Answer: B

Reference: <https://docs.aws.amazon.com/whitepapers/latest/overview-aws-cloud-adoption-framework/your-cloud-transformation-journey.html>

Question #: 113

1008 # A company wants an AWS service to provide product recommendations based on its customer data.

Which AWS service will meet this requirement?

- A. Amazon Polly
- B. Amazon Personalize
- C. Amazon Comprehend
- D. Amazon Rekognition

Selected Answer: B

Reference: <https://aws.amazon.com/personalize/>

Question #: 112

1009 # A company has an uninterruptible application that runs on Amazon EC2 instances. The application constantly processes a backlog of files in an Amazon Simple Queue Service (Amazon SQS) queue. This usage is expected to continue to grow for years.

What is the MOST cost-effective EC2 instance purchasing model to meet these requirements?

- A. Spot Instances
- B. On-Demand Instances
- C. Savings Plans
- D. Dedicated Hosts

Selected Answer: C

Question #: 111

1010 # A company needs to track the activity in its AWS accounts, and needs to know when an API call is made against its AWS resources. Which AWS tool or service can be used to meet these requirements?

- A. Amazon CloudWatch
- B. Amazon Inspector
- C. AWS CloudTrail
- D. AWS IAM

Selected Answer: C

Reference: <https://aws.amazon.com/cloudtrail/faqs/>

Question #: 110

1011 # A company wants to migrate its NFS on-premises workload to AWS.

Which AWS Storage Gateway type should the company use to meet this requirement?

- A. Tape Gateway
- B. Volume Gateway
- C. Amazon FSx File Gateway
- D. Amazon S3 File Gateway

Selected Answer: D

Reference: <https://aws.amazon.com/storagegateway/file/s3/>

Question #: 109

1012 # A company wants a fully managed Windows file server for its Windows-based applications. Which AWS service will meet this requirement?

- A. Amazon FSx
- B. Amazon Elastic Kubernetes Service (Amazon EKS)
- C. Amazon Elastic Container Service (Amazon ECS)
- D. Amazon EMR

Suggested Answer: A

Question #: 108

1013 # A user wants to allow applications running on an Amazon EC2 instance to make calls to other AWS services. The access granted must be secure.

Which AWS service or feature should be used?

- A. Security groups
- B. AWS Firewall Manager
- C. IAM roles
- D. IAM user SSH keys

Selected Answer: C

Question #: 107

1014 # A company has multiple AWS accounts that include compute workloads that cannot be interrupted. The company wants to obtain billing discounts that are based on the company's use of AWS services.

Which AWS feature or purchasing option will meet these requirements?

- A. Resource tagging
- B. Consolidated billing

- C. Pay-as-you-go pricing
- D. Spot Instances

Selected Answer: B

You can combine the usage across all accounts in the organization to share the volume pricing discounts

Question #: 106

1015 # A developer has been hired by a large company and needs AWS credentials.

Which are security best practices that should be followed? (Choose two.)

- A. Grant the developer access to only the AWS resources needed to perform the job.
- B. Share the AWS account root user credentials with the developer.
- C. Add the developer to the administrator's group in AWS IAM.
- D. Configure a password policy that ensures the developer's password cannot be changed.
- E. Ensure the account password policy requires a minimum length.

Suggested Answer: AE

Question #: 104

1016 # Which AWS tool gives users the ability to plan their service usage, service costs, and instance reservations, and also allows them to set custom alerts when their costs or usage exceed established thresholds?

- A. Cost Explorer
- B. AWS Budgets
- C. AWS Cost and Usage Report
- D. Reserved Instance reporting

Selected Answer: B

Reference: <https://aws.amazon.com/aws-cost-management/aws-budgets/>

Question #: 103

1017 # Which of the following security measures protect access to an AWS account? (Choose two.)

- A. Enable AWS CloudTrail.
- B. Grant least privilege access to IAM users.
- C. Create one IAM user and share with many developers and users.
- D. Enable Amazon CloudFront.
- E. Activate multi-factor authentication (MFA) for privileged users.

Selected Answer: BE

Question #: 102

1018 # A company is running a workload in the AWS Cloud.

Which AWS best practice ensures the MOST cost-effective architecture for the workload?

- A. Loose coupling
- B. Rightsizing
- C. Caching
- D. Redundancy

Selected Answer: B

Question #: 101

1019 # Which option is an AWS Cloud Adoption Framework (AWS CAF) platform perspective capability?

- A. Data architecture
- B. Data protection
- C. Data governance
- D. Data science

Selected Answer: A

Data Architecture is part of the Platform Perspective.

<https://abhi0751.medium.com/aws-cloud-adoption-framework-aws-caf-a512b89dbcba>

Question #: 100

1020 # A company wants to automate infrastructure deployment by using infrastructure as code (IaC). The company wants to scale production stacks so the stacks can be deployed in multiple AWS Regions.

Which AWS service will meet these requirements?

- A. Amazon CloudWatch
- B. AWS Config
- C. AWS Trusted Advisor
- D. AWS CloudFormation

Selected Answer: D

Reference: <https://aws.amazon.com/cloudformation/features/>

Question #: 99

1021 # Which task is the responsibility of AWS when using AWS services?

- A. Management of IAM user permissions
- B. Creation of security group rules for outbound access
- C. Maintenance of physical and environmental controls
- D. Application of Amazon EC2 operating system patches

Selected Answer: C

Question #: 98

1022 # Which AWS service helps protect against DDoS attacks?

- A. AWS Shield
- B. Amazon Inspector
- C. Amazon GuardDuty
- D. Amazon Detective

Selected Answer: A

Question #: 96

1023 # A company wants to operate a data warehouse to analyze data without managing the data warehouse infrastructure. Which AWS service will meet this requirement?

- A. Amazon Aurora
- B. Amazon Redshift Serverless
- C. AWS Lambda
- D. Amazon RDS

Selected Answer: B

Reference: <https://aws.amazon.com/redshift/redshift-serverless/>

Question #: 95

1024 # Which AWS service or tool can be used to set up a firewall to control traffic going into and coming out of an Amazon VPC subnet?

- A. Security group
- B. AWS WAF
- C. AWS Firewall Manager
- D. Network ACL

Selected Answer: D

Question #: 94

1025 # Which of the following is a recommended design principle for AWS Cloud architecture?

- A. Design tightly coupled components.
- B. Build a single application component that can handle all the application functionality.
- C. Make large changes on fewer iterations to reduce chances of failure.
- D. Avoid monolithic architecture by segmenting workloads.

Selected Answer: D

Question #: 93

1026 # Which of the following is a recommended design principle of the AWS Well-Architected Framework?

- A. Reduce downtime by making infrastructure changes infrequently and in large increments.
- B. Invest the time to configure infrastructure manually.
- C. Learn to improve from operational failures.
- D. Use monolithic application design for centralization.

Selected Answer: C

<https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html>

Question #: 92

1027 # Which AWS services make use of global edge locations? (Choose two.)

- A. AWS Fargate
- B. Amazon CloudFront
- C. AWS Global Accelerator
- D. AWS Wavelength
- E. Amazon VPC

Selected Answer: BC

Question #: 91

1028 # A company plans to migrate to AWS and wants to create cost estimates for its AWS use cases.

Which AWS service or tool can the company use to meet these requirements?

- A. AWS Pricing Calculator
- B. Amazon CloudWatch
- C. AWS Cost Explorer
- D. AWS Budgets

Selected Answer: A

Question #: 90

1029 # Which AWS service is a hybrid cloud storage service that provides on-premises users access to virtually unlimited cloud storage?

- A. AWS DataSync
- B. Amazon S3 Glacier
- C. AWS Storage Gateway
- D. Amazon Elastic Block Store (Amazon EBS)

Selected Answer: C

AWS Storage Gateway is a hybrid cloud storage service that enables on-premises applications to seamlessly access AWS Cloud-based storage. It provides a local cache for frequently accessed data to ensure low-latency access, while also storing data in the cloud for durability and scalability.

Question #: 89

1030 # In which situations should a company create an IAM user instead of an IAM role? (Choose two.)

- A. When an application that runs on Amazon EC2 instances requires access to other AWS services
- B. When the company creates AWS access credentials for individuals
- C. When the company creates an application that runs on a mobile phone that makes requests to AWS
- D. When the company needs to add users to IAM groups
- E. When users are authenticated in the corporate network and want to be able to use AWS without having to sign in a second time

Selected Answer: BD

Question #: 88

1031 # Which AWS service provides a customized view of the health of specific AWS services that power a customer's workloads running on AWS?

- A. AWS Service Health Dashboard
- B. AWS X-Ray
- C. AWS Personal Health Dashboard
- D. Amazon CloudWatch

Question #: 88

1032 # Which AWS service provides a customized view of the health of specific AWS services that power a customer's workloads running on AWS?

- A. AWS Service Health Dashboard
- B. AWS X-Ray
- C. AWS Personal Health Dashboard
- D. Amazon CloudWatch

Suggested Answer: C

Question #: 87

1033 # Which AWS service provides highly durable object storage?

- A. Amazon S3
- B. Amazon Elastic File System (Amazon EFS)
- C. Amazon Elastic Block Store (Amazon EBS)
- D. Amazon FSx

Suggested Answer: A

Question #: 86

1034 # Which AWS service or feature improves network performance by sending traffic through the AWS worldwide network infrastructure?

- A. Route table
- B. AWS Transit Gateway
- C. AWS Global Accelerator
- D. Amazon VPC

Selected Answer: C

Reference: <https://aws.amazon.com/global-accelerator/>

Question #: 85

1035 # Which AWS service enables companies to deploy an application close to end users?

- A. Amazon CloudFront
- B. AWS Auto Scaling
- C. AWS AppSync
- D. Amazon Route 53

Selected Answer: A

Question #: 84

1036 # What is the best resource for a user to find compliance-related information and reports about AWS?

- A. AWS Artifact
- B. AWS Marketplace
- C. Amazon Inspector
- D. AWS Support

Selected Answer: A

"AWS Artifact is your go-to, central resource for compliance-related information that matters to you. It provides on-demand access to security and compliance reports from AWS and ISVs who sell their products on AWS Marketplace."

Reference: <https://aws.amazon.com/artifact/>

Question #: 83

1037 # A user wants to review all Amazon S3 buckets with ACLs and S3 bucket policies in the S3 console.

Which AWS service or resource will meet this requirement?

- A. S3 Multi-Region Access Points
- B. S3 Storage Lens
- C. AWS IAM Identity Center (AWS Single Sign-On)
- D. Access Analyzer for S3

Selected Answer: D

"IAM Access Analyzer for S3 might show that a bucket has read or write access provided through a bucket access control list (ACL), a bucket policy, a Multi-Region Access Point policy, or an access point policy...IAM Access Analyzer for S3 is available at no extra cost on the Amazon S3 console."

Reference: <https://docs.aws.amazon.com/AmazonS3/latest/userguide/access-analyzer.html>

Question #: 82

1038 # What are the benefits of consolidated billing for AWS Cloud services? (Choose two.)

- A. Volume discounts
- B. A minimal additional fee for use
- C. One bill for multiple accounts
- D. Installment payment options
- E. Custom cost and usage budget creation

Selected Answer: AC

<https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/consolidated-billing.html>

Question #: 80

1039 # Which AWS service helps deliver highly available applications with fast failover for multi-Region and Multi-AZ architectures?

- A. AWS WAF
- B. AWS Global Accelerator
- C. AWS Shield
- D. AWS Direct Connect

Selected Answer: B

"Deliver highly available applications with fast failover for multi-Region and multi-AZ architectures."

Reference: <https://aws.amazon.com/global-accelerator/>

Question #: 78

1040 # A developer needs to maintain a development environment infrastructure and a production environment infrastructure in a repeatable fashion.

Which AWS service should the developer use to meet these requirements?

- A. AWS Ground Station
- B. AWS Shield
- C. AWS IoT Device Defender
- D. AWS CloudFormation

Selected Answer: D

"AWS CloudFormation lets you model, provision, and manage AWS and third-party resources by treating infrastructure as code."

Question #: 77

1041 # Which AWS Cloud benefit is shown by an architecture's ability to withstand failures with minimal downtime?

- A. Agility
- B. Elasticity
- C. Scalability
- D. High availability

Selected Answer: D

The correct answer is D.

High availability = minimal downtime = recovery quickly from failure.

<https://aws.amazon.com/marketplace/solutions/infrastructure-software/high-availability>

Question #: 76

1042 # Which of the following are advantages of the AWS Cloud? (Choose two.)

- A. Trade variable expenses for capital expenses
- B. High economies of scale
- C. Launch globally in minutes
- D. Focus on managing hardware infrastructure
- E. Overprovision to ensure capacity

Selected Answer: BC

Question #: 74

1043 # Which AWS service is used to provide encryption for Amazon EBS?

- A. AWS Certificate Manager
- B. AWS Systems Manager
- C. AWS KMS
- D. AWS Config

Selected Answer: C

Question #: 73

1044 # Which AWS service or feature can be used to create a private connection between an on-premises workload and an AWS Cloud workload?

- A. Amazon Route 53
- B. Amazon Macie
- C. AWS Direct Connect
- D. AWS PrivateLink

Selected Answer: C

Answer is C.

Direct connect is for private dedicated connection between on premise and AWS.

PrivateLink is used when you communicate with third party VPC and it Requires a network load balancer (Service VPC) and ENI (Customer VPC)

Question #: 71

1045 # A company wants to assess its operational readiness. It also wants to identify and mitigate any operational risks ahead of a new product launch.

Which AWS Support plan offers guidance and support for this kind of event at no additional charge?

- A. AWS Business Support
- B. AWS Basic Support
- C. AWS Developer Support
- D. AWS Enterprise Support

Selected Answer: D

Question #: 70

1046 # A network engineer needs to build a hybrid cloud architecture connecting on-premises networks to the AWS Cloud using AWS Direct Connect. The company has a few VPCs in a single AWS Region and expects to increase the number of VPCs to hundreds over time. Which AWS service or feature should the engineer use to simplify and scale this connectivity as the VPCs increase in number?

- A. VPC endpoints
- B. AWS Transit Gateway
- C. Amazon Route 53
- D. AWS Secrets Manager

Selected Answer: B

Question #: 69

1047 # A company needs to install an application in a Docker container.

Which AWS service eliminates the need to provision and manage the container hosts?

- A. AWS Fargate
- B. Amazon FSx for Windows File Server
- C. Amazon Elastic Container Service (Amazon ECS)
- D. Amazon EC2

Selected Answer: A

Target: You do not provision the infrastructure (no EC2 instances to manage) – simpler!

Question #: 68

1048 # Which AWS services or features provide disaster recovery solutions for Amazon EC2 instances? (Choose two.)

- A. EC2 Reserved Instances
- B. EC2 Amazon Machine Images (AMIs)
- C. Amazon Elastic Block Store (Amazon EBS) snapshots
- D. AWS Shield
- E. Amazon GuardDuty

Selected Answer: BC

Question #: 67

1049 # A company is deploying a machine learning (ML) research project that will require a lot of compute power over several months. The ML processing jobs do not need to run at specific times.

Which Amazon EC2 instance purchasing option will meet these requirements at the lowest cost?

- A. On-Demand Instances
- B. Spot Instances
- C. Reserved Instances
- D. Dedicated Instances

Selected Answer: B

Question #: 66

1050 # Which AWS service is a key-value database that provides sub-millisecond latency on a large scale?

- A. Amazon DynamoDB
- B. Amazon Aurora
- C. Amazon DocumentDB (with MongoDB compatibility)
- D. Amazon Neptune

Selected Answer: A

Question #: 65

1051 # A company wants to monitor for misconfigured security groups that are allowing unrestricted access to specific ports.

Which AWS service will meet this requirement?

- A. AWS Trusted Advisor
- B. Amazon CloudWatch
- C. Amazon GuardDuty
- D. AWS Health Dashboard

Selected Answer: A

Checks security groups for rules that allow unrestricted access to a resource.

Unrestricted access increases opportunities for malicious activity (hacking, denial-of-service attacks, loss of data).

<https://docs.aws.amazon.com/awssupport/latest/user/security-checks.html>

Question #: 64

1052 # A company wants to provide managed Windows virtual desktops and applications to its remote employees over secure network connections.

Which AWS services can the company use to meet these requirements? (Choose two.)

- A. Amazon Connect
- B. Amazon AppStream 2.0
- C. Amazon WorkSpaces
- D. AWS Site-to-Site VPN
- E. Amazon Elastic Container Service (Amazon ECS)

Selected Answer: CD

Amazon AppStream 2.0 is a service for streaming desktop applications to a web browser, but it is different from full Windows virtual desktops provided by Amazon WorkSpaces.

Question #: 63

1053 # Which AWS service can run a managed PostgreSQL database that provides online transaction processing (OLTP)?

- A. Amazon DynamoDB
 - B. Amazon Athena
 - C. Amazon RDS
 - D. Amazon EMR
- Selected Answer: C

Question #: 62

1054 # Which AWS service supports a hybrid architecture that gives users the ability to extend AWS infrastructure, AWS services, APIs, and tools to data centers, co-location environments, or on-premises facilities?

- A. AWS Snowmobile
 - B. AWS Local Zones
 - C. AWS Outposts
 - D. AWS Fargate
- C. AWS Outposts

Selected Answer: C

AWS Outposts enables you to run AWS infrastructure and services on premises while seamlessly connecting to the AWS cloud. This service extends the AWS ecosystem to your on-premises locations, allowing you to take advantage of cloud benefits while addressing the requirements of data residency, low-latency applications, and specific regulatory needs in hybrid environments.

Question #: 61

1055 # Which of the following is a fully managed MySQL-compatible database?

- A. Amazon S3
- B. Amazon DynamoDB
- C. Amazon Redshift
- D. Amazon Aurora

Selected Answer: D

Question #: 60

1056 # Which AWS service can identify when an Amazon EC2 instance was terminated?

- A. AWS Identity and Access Management (IAM)
- B. AWS CloudTrail
- C. AWS Compute Optimizer
- D. Amazon EventBridge

Selected Answer: B

B: AWS CloudTrail enables auditing, security monitoring, and operational troubleshooting by tracking user activity and API usage.

Question #57

1057 # A company has a test AWS environment. A company is planning on testing an application within AWS. The application testing can be interrupted and does not need to run continuously.

Which Amazon EC2 purchasing option will meet these requirements MOST cost-effectively?

- A. On-Demand Instances
- B. Dedicated Instances
- C. Spot Instances
- D. Reserved Instances

Correct Answer: C

Question #58

1058 # Which AWS service gives users the ability to discover and protect sensitive data that is stored in Amazon S3 buckets?

- A. Amazon Macie
- B. Amazon Detective
- C. Amazon GuardDuty
- D. AWS IAM Access Analyzer

Correct Answer: A

Amazon Macie is a data security service that discovers sensitive data using machine learning and pattern matching, provides visibility into data security risks, and enables you to automate protection against those risks.

Question #59

1059 # Which of the following services can be used to block network traffic to an instance? (Choose two.)

- A. Security groups
- B. Amazon Virtual Private Cloud (Amazon VPC) flow logs
- C. Network ACLs
- D. Amazon CloudWatch

E. AWS CloudTrail
Correct Answer: AC

Question #53

1060 # Which AWS service is a cloud security posture management (CSPM) service that aggregates alerts from various AWS services and partner products in a standardized format?

- A. AWS Security Hub
- B. AWS Trusted Advisor
- C. Amazon EventBridge
- D. Amazon GuardDuty

Selected Answer: A

"AWS Security Hub is a cloud security posture management (CSPM) service that performs automated, continuous security best practice checks against your AWS resources to help you identify misconfigurations, and aggregates your security alerts (i.e. findings) in a standardized format so that you can more easily enrich, investigate, and remediate them."

Question #54

1061 # Which AWS service is always provided at no charge?

- A. Amazon S3
- B. AWS Identity and Access Management (IAM)
- C. Elastic Load Balancers
- D. AWS WAF

Correct Answer: B

Question #55

1062 # To reduce costs, a company is planning to migrate a NoSQL database to AWS.

Which AWS service is fully managed and can automatically scale throughput capacity to meet database workload demands?

- A. Amazon Redshift
- B. Amazon Aurora
- C. Amazon DynamoDB
- D. Amazon RDS

Correct Answer: C

Question #56

1063 # A company is using Amazon DynamoDB.

Which task is the company's responsibility, according to the AWS shared responsibility model?

- A. Patch the operating system.
- B. Provision hosts.
- C. Manage database access permissions.
- D. Secure the operating system.

Correct Answer: C

Question #49

1064 # A company is building an application that needs to deliver images and videos globally with minimal latency.

Which approach can the company use to accomplish this in a cost effective manner?

- A. Deliver the content through Amazon CloudFront.
- B. Store the content on Amazon S3 and enable S3 cross-region replication.
- C. Implement a VPN across multiple AWS Regions.
- D. Deliver the content through AWS PrivateLink.

Correct Answer: A

Question #50

1065 # Which option is a benefit of the economies of scale based on the advantages of cloud computing?

- A. The ability to trade variable expense for fixed expense
- B. Increased speed and agility
- C. Lower variable costs over fixed costs
- D. Increased operational costs across data centers

Correct Answer: C

Question #51

1066 # Which of the following is a software development framework that a company can use to define cloud resources as code and provision the resources through AWS CloudFormation?

- A. AWS CLI

- B. AWS Developer Center
- C. AWS Cloud Development Kit (AWS CDK)
- D. AWS CodeStar

Correct Answer: C

AWS CDK is a software development framework that enables developers to define infrastructure as code (IaC) using familiar programming languages like TypeScript, Python, Java, C#, and more. With AWS CDK, you can define cloud resources, their relationships, and provisioning logic in your preferred programming language. AWS CDK also generates CloudFormation templates based on your code, making it easier to manage and deploy infrastructure resources in AWS.

Question #52

1067 # A company is developing an application that uses multiple AWS services. The application needs to use temporary, limited-privilege credentials for authentication with other AWS APIs.

Which AWS service or feature should the company use to meet these authentication requirements?

- A. Amazon API Gateway
- B. IAM users
- C. AWS Security Token Service (AWS STS)
- D. IAM instance profiles
- C. AWS Security Token Service (AWS STS)

Selected Answer: C

AWS STS provides a way to grant temporary, limited-privilege credentials to users, applications, or services. These temporary credentials can be used to access AWS resources securely without having to use long-term access keys or IAM user credentials.

Question #45

1068 # Which AWS Cloud Adoption Framework (AWS CAF) capability belongs to the people perspective?

- A. Data architecture
- B. Event management
- C. Cloud fluency
- D. Strategic partnership

Correct Answer: C

Data architecture => Platform

Event management => Operations

Cloud fluency => People

Strategic partnership => Business

Question #46

1069 # A company wants to make an upfront commitment for continued use of its production Amazon EC2 instances in exchange for a reduced overall cost.

Which pricing options meet these requirements with the LOWEST cost? (Choose two.)

- A. Spot Instances
- B. On-Demand Instances
- C. Reserved Instances
- D. Savings Plans
- E. Dedicated Hosts

Correct Answer: CD

Question #47

1070 # A company wants to migrate its on-premises relational databases to the AWS Cloud. The company wants to use infrastructure as close to its current geographical location as possible.

Which AWS service or resource should the company use to select its Amazon RDS deployment area?

- A. Amazon Connect
- B. AWS Wavelength
- C. AWS Regions
- D. AWS Direct Connect

Correct Answer: C

Question #48

1071 # A company is exploring the use of the AWS Cloud, and needs to create a cost estimate for a project before the infrastructure is provisioned.

Which AWS service or feature can be used to estimate costs before deployment?

- A. AWS Free Tier
- B. AWS Pricing Calculator
- C. AWS Billing and Cost Management

D. AWS Cost and Usage Report

Correct Answer: B

AWS Pricing Calculator is a web-based planning tool that you can use to create estimates for your AWS use cases. You can use it to model your solutions before building them, explore the AWS service price points, and review the calculations behind your estimates.

Question #41

1072 # Which service enables customers to audit API calls in their AWS accounts?

- A. AWS CloudTrail
- B. AWS Trusted Advisor
- C. Amazon Inspector
- D. AWS X-Ray

Correct Answer: A

AWS CloudTrail is a service that records all API calls made on your AWS account. It provides a detailed history of events, including who made the call, what actions were performed, and from which IP address the call originated.

Question #42

1073 # What is a customer responsibility when using AWS Lambda according to the AWS shared responsibility model?

- A. Managing the code within the Lambda function
- B. Confirming that the hardware is working in the data center
- C. Patching the operating system
- D. Shutting down Lambda functions when they are no longer in use

Correct Answer: A

Question #43

1074 # A company has 5 TB of data stored in Amazon S3. The company plans to occasionally run queries on the data for analysis. Which AWS service should the company use to run these queries in the MOST cost-effective manner?

- A. Amazon Redshift
- B. Amazon Athena
- C. Amazon Kinesis
- D. Amazon RDS

Correct Answer: B

Amazon Athena is a serverless, interactive analytics service built on open-source frameworks, supporting open-table and file formats.

Question #44

1075 # Which AWS service can be used at no additional cost?

- A. Amazon SageMaker
- B. AWS Config
- C. AWS Organizations
- D. Amazon CloudWatch

Correct Answer: C

AWS Organizations is an account management service that enables you to consolidate multiple AWS accounts into an organization that you create and centrally manage. AWS Organizations is offered at no additional charge.

Question #37

1076 # A cloud practitioner needs to obtain AWS compliance reports before migrating an environment to the AWS Cloud.

How can these reports be generated?

- A. Contact the AWS Compliance team.
- B. Download the reports from AWS Artifact.
- C. Open a case with AWS Support.
- D. Generate the reports with Amazon Macie.

Correct Answer: B

Question #38

1077 # An ecommerce company has migrated its IT infrastructure from an on-premises data center to the AWS Cloud.

Which cost is the company's direct responsibility?

- A. Cost of application software licenses
- B. Cost of the hardware infrastructure on AWS
- C. Cost of power for the AWS servers
- D. Cost of physical security for the AWS data center

Correct Answer: A

Question #39

1078 # A company is setting up AWS Identity and Access Management (IAM) on an AWS account. Which recommendation complies with IAM security best practices?

- A. Use the account root user access keys for administrative tasks.
- B. Grant broad permissions so that all company employees can access the resources they need.
- C. Turn on multi-factor authentication (MFA) for added security during the login process.
- D. Avoid rotating credentials to prevent issues in production applications.

Correct Answer: C

Question #40

1079 # Elasticity in the AWS Cloud refers to which of the following? (Choose two.)

- A. How quickly an Amazon EC2 instance can be restarted
- B. The ability to rightsize resources as demand shifts
- C. The maximum amount of RAM an Amazon EC2 instance can use
- D. The pay-as-you-go billing model
- E. How easily resources can be procured when they are needed

Correct Answer: BE

Question #33

1080 # A company runs thousands of simultaneous simulations using AWS Batch. Each simulation is stateless, is fault tolerant, and runs for up to 3 hours. Which pricing model enables the company to optimize costs and meet these requirements?

- A. Reserved Instances
- B. Spot Instances
- C. On-Demand Instances
- D. Dedicated Instances

Correct Answer: B

Question #34

1081 # What does the concept of agility mean in AWS Cloud computing? (Choose two.)

- A. The speed at which AWS resources are implemented
- B. The speed at which AWS creates new AWS Regions
- C. The ability to experiment quickly
- D. The elimination of wasted capacity
- E. The low cost of entry into cloud computing

Correct Answer: AC

Question #35

1082 # A company needs to block SQL injection attacks. Which AWS service or feature can meet this requirement?

- A. AWS WAF
- B. AWS Shield
- C. Network ACLs
- D. Security groups

Correct Answer: A

Question #36

1083 # Which AWS service or feature identifies whether an Amazon S3 bucket or an IAM role has been shared with an external entity?

- A. AWS Service Catalog
- B. AWS Systems Manager
- C. AWS IAM Access Analyzer
- D. AWS Organizations

Correct Answer: C

IAM Access Analyzer helps identify resources in your organization and accounts that are shared with an external entity.

Question #29

1084 # Which tasks are customer responsibilities, according to the AWS shared responsibility model? (Choose two.)

- A. Configure the AWS provided security group firewall.
- B. Classify company assets in the AWS Cloud.
- C. Determine which Availability Zones to use for Amazon S3 buckets.
- D. Patch or upgrade Amazon DynamoDB.
- E. Select Amazon EC2 instances to run AWS Lambda on.

Correct Answer: AB

Selected Answer: AB

<https://aws.amazon.com/compliance/shared-responsibility-model/>

Question #30

1085 # Which of the following are pillars of the AWS Well-Architected Framework? (Choose two.)

- A. Availability
- B. Reliability
- C. Scalability
- D. Responsive design
- E. Operational excellence

Correct Answer: BE

Question #31

1086 # Which AWS service or feature is used to send both text and email messages from distributed applications?

- A. Amazon Simple Notification Service (Amazon SNS)
- B. Amazon Simple Email Service (Amazon SES)
- C. Amazon CloudWatch alerts
- D. Amazon Simple Queue Service (Amazon SQS)

Correct Answer: A

Amazon Simple Notification Service (Amazon SNS) sends notifications two ways, A2A and A2P

Question #32

1087 # A user needs programmatic access to AWS resources through the AWS CLI or the AWS API.

Which option will provide the user with the appropriate access?

- A. Amazon Inspector
- B. Access keys
- C. SSH public keys
- D. AWS Key Management Service (AWS KMS) keys

Correct Answer: B

Question #25

1088 # A company is running a monolithic on-premises application that does not scale and is difficult to maintain. The company has a plan to migrate the application to AWS and divide the application into microservices.

Which best practice of the AWS Well-Architected Framework is the company following with this plan?

- A. Integrate functional testing as part of AWS deployment.
- B. Use automation to deploy changes.
- C. Deploy the application to multiple locations.
- D. Implement loosely coupled dependencies.

Correct Answer: D

Question #26

1089 # A company has an AWS account. The company wants to audit its password and access key rotation details for compliance purposes. Which AWS service or tool will meet this requirement?

- A. IAM Access Analyzer
- B. AWS Artifact
- C. IAM credential report
- D. AWS Audit Manager

Correct Answer: C

You can use credential reports to assist in your auditing and compliance efforts. You can use the report to audit the effects of credential lifecycle requirements, such as password and access key updates.

Question #27

1090 # A company wants to receive a notification when a specific AWS cost threshold is reached.

Which AWS services or tools can the company use to meet this requirement? (Choose two.)

- A. Amazon Simple Queue Service (Amazon SQS)
- B. AWS Budgets
- C. Cost Explorer
- D. Amazon CloudWatch
- E. AWS Cost and Usage Report

Correct Answer: BD

B. AWS Budgets: AWS Budgets is a service that allows you to set custom cost and usage budgets for your AWS resources. You can configure a budget with a specific threshold and define actions, such as sending notifications, when that threshold is reached.

D. Amazon CloudWatch: Amazon CloudWatch is a monitoring service that can be used to collect and track metrics, logs, and events from various AWS resources. It supports setting up alarms based on cost metrics, so you can create an alarm for a specific cost threshold and configure it to send notifications when the threshold is breached.

Question #28

1091 # Which AWS service or resource provides answers to the most frequently asked security-related questions that AWS receives from its users?

- A. AWS Artifact
- B. Amazon Connect
- C. AWS Chatbot
- D. AWS Knowledge Center

Selected Answer: D

AWS Official Knowledge Center articles and videos covering the most frequent questions and requests that we receive from AWS customers.

Question #21

1092 # Which AWS service or feature allows a user to establish a dedicated network connection between a company's on-premises data center and the AWS Cloud?

- A. AWS Direct Connect
- B. VPC peering
- C. AWS VPN
- D. Amazon Route 53

Correct Answer: A

Question #22

1093 # Which option is a physical location of the AWS global infrastructure?

- A. AWS DataSync
- B. AWS Region
- C. Amazon Connect
- D. AWS Organizations

Correct Answer: B

Question #23

1094 # A company wants to protect its AWS Cloud information, systems, and assets while performing risk assessment and mitigation tasks. Which pillar of the AWS Well-Architected Framework is supported by these goals?

- A. Reliability
- B. Security
- C. Operational excellence
- D. Performance efficiency

Correct Answer: B

Question #24

1095 # What is the purpose of having an internet gateway within a VPC?

- A. To create a VPN connection to the VPC
- B. To allow communication between the VPC and the internet
- C. To impose bandwidth constraints on internet traffic
- D. To load balance traffic from the internet across Amazon EC2 instances

Correct Answer: B

Question #17

1096 # A developer wants to deploy an application quickly on AWS without manually creating the required resources. Which AWS service will meet these requirements?

- A. Amazon EC2
- B. AWS Elastic Beanstalk
- C. AWS CodeBuild
- D. Amazon Personalize

Correct Answer: B

Deploy scalable web applications in minutes without the complexity of provisioning and managing underlying infrastructure.

Question #18

1097 # A company is storing sensitive customer data in an Amazon S3 bucket. The company wants to protect the data from accidental deletion or overwriting.

Which S3 feature should the company use to meet these requirements?

- A. S3 Lifecycle rules
 - B. S3 Versioning
 - C. S3 bucket policies
 - D. S3 server-side encryption
- Correct Answer: B

Question #19

1098 # Which AWS service provides the ability to manage infrastructure as code?

- A. AWS CodePipeline
 - B. AWS CodeDeploy
 - C. AWS Direct Connect
 - D. AWS CloudFormation
- Correct Answer: D

Question #20

1099 # An online gaming company needs to choose a purchasing option to run its Amazon EC2 instances for 1 year. The web traffic is consistent, and any increases in traffic are predictable. The EC2 instances must be online and available without any disruption.

Which EC2 instance purchasing option will meet these requirements MOST cost-effectively?

- A. On-Demand Instances
 - B. Reserved Instances
 - C. Spot Instances
 - D. Spot Fleet
- Correct Answer: B

Question #13

1100 # Which AWS service or tool helps users visualize, understand, and manage spending and usage over time?

- A. AWS Organizations
 - B. AWS Pricing Calculator
 - C. AWS Cost Explorer
 - D. AWS Service Catalog
- Correct Answer: C

AWS Cost Explorer has an easy-to-use interface that lets you visualize, understand, and manage your AWS costs and usage over time.

Question #14

1101 # A company is using a central data platform to manage multiple types of data for its customers. The company wants to use AWS services to discover, transform, and visualize the data.

Which combination of AWS services should the company use to meet these requirements? (Choose two.)

- A. AWS Glue
- B. Amazon Elastic File System (Amazon EFS)
- C. Amazon Redshift
- D. Amazon QuickSight
- E. Amazon Quantum Ledger Database (Amazon QLDB)

Selected Answer: AD

AWS Glue is a serverless data integration service that makes it easier to discover, prepare, move, and integrate data from multiple sources for analytics, machine learning (ML), and application development.

<https://aws.amazon.com/glue/>

Amazon QuickSight powers data-driven organizations with unified business intelligence (BI) at hyperscale. With QuickSight, all users can meet varying analytic needs from the same source of truth through modern interactive dashboards, paginated reports, embedded analytics, and natural language queries.

<https://aws.amazon.com/quicksight/>

Question #15

1102 # A global company wants to migrate its third-party applications to the AWS Cloud. The company wants help from a global team of experts to complete the migration faster and more reliably in accordance with AWS internal best practices.

Which AWS service or resource will meet these requirements?

- A. AWS Support
- B. AWS Professional Services
- C. AWS Launch Wizard
- D. AWS Managed Services (AMS)

Correct Answer: B

The AWS Professional Services organization is a global team of experts that can help you realize your desired business outcomes when using the AWS Cloud. We work together with your team and your chosen member of the AWS Partner Network (APN) to execute your enterprise cloud

computing initiatives.

<https://aws.amazon.com/professional-services/>

Question #16

1103 # An e-learning platform needs to run an application for 2 months each year. The application will be deployed on Amazon EC2 instances. Any application downtime during those 2 months must be avoided.

Which EC2 purchasing option will meet these requirements MOST cost-effectively?

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

Correct Answer: D

Question #9

1104 # Which AWS services or tools can identify rightsizing opportunities for Amazon EC2 instances? (Choose two.)

- A. AWS Cost Explorer
- B. AWS Billing Conductor
- C. Amazon CodeGuru
- D. Amazon SageMaker
- E. AWS Compute Optimizer

Correct Answer: AE

AWS Billing Conductor - Simplify billing and reporting with customizable pricing and cost visibility

Amazon CodeGuru Security is a static application security testing (SAST) tool that combines machine learning (ML) and automated reasoning to identify vulnerabilities in your code, provide recommendations on how to fix the identified vulnerabilities, and track the status of the vulnerabilities until closure.

Amazon SageMaker - Build, train, and deploy machine learning (ML) models for any use case with fully managed infrastructure, tools, and workflows

AWS Compute Optimizer - Get recommendations to optimize your use of AWS resources

AWS Cost Explorer - Visualize, understand, and manage your AWS costs and usage over time

Question #10

1105 # Which of the following are benefits of using AWS Trusted Advisor? (Choose two.)

- A. Providing high-performance container orchestration
- B. Creating and rotating encryption keys
- C. Detecting underutilized resources to save costs
- D. Improving security by proactively monitoring the AWS environment
- E. Implementing enforced tagging across AWS resources

Correct Answer: CD

Question #11

1106 # Which of the following is an advantage that users experience when they move on-premises workloads to the AWS Cloud?

- A. Elimination of expenses for running and maintaining data centers
- B. Price discounts that are identical to discounts from hardware providers
- C. Distribution of all operational controls to AWS
- D. Elimination of operational expenses

Correct Answer: A

Question #12

1107 # A company wants to manage deployed IT services and govern its infrastructure as code (IaC) templates.

Which AWS service will meet this requirement?

- A. AWS Resource Explorer
- B. AWS Service Catalog
- C. AWS Organizations
- D. AWS Systems Manager

Correct Answer: B

AWS Service Catalog lets you centrally manage your cloud resources to achieve governance at scale of your infrastructure as code (IaC) templates, written in CloudFormation or Terraform configurations.

Reference: <https://aws.amazon.com/servicecatalog/>

Question #5

1108 # Which option is a customer responsibility when using Amazon DynamoDB under the AWS Shared Responsibility Model?

- A. Physical security of DynamoDB

- B. Patching of DynamoDB
 - C. Access to DynamoDB tables
 - D. Encryption of data at rest in DynamoDB
- Correct Answer: C

Question #6

1109 # Which option is a perspective that includes foundational capabilities of the AWS Cloud Adoption Framework (AWS CAF)?

- A. Sustainability
- B. Performance efficiency
- C. Governance
- D. Reliability

Selected Answer: C

The 6 AWS CAF perspectives are: Business, People, Governance, Platform, Security and Operations.

Question #7

1110 # A company is running and managing its own Docker environment on Amazon EC2 instances. The company wants an alternative to help manage cluster size, scheduling, and environment maintenance.

Which AWS service meets these requirements?

- A. AWS Lambda
- B. Amazon RDS
- C. AWS Fargate
- D. Amazon Athena

Correct Answer: C

Question #8

1111 # A company wants to run a NoSQL database on Amazon EC2 instances.

Which task is the responsibility of AWS in this scenario?

- A. Update the guest operating system of the EC2 instances.
- B. Maintain high availability at the database layer.
- C. Patch the physical infrastructure that hosts the EC2 instances.
- D. Configure the security group firewall.

Correct Answer: C

Question #1

1112 # A company plans to use an Amazon Snowball Edge device to transfer files to the AWS Cloud.

Which activities related to a Snowball Edge device are available to the company at no cost?

- A. Use of the Snowball Edge appliance for a 10-day period
- B. The transfer of data out of Amazon S3 and to the Snowball Edge appliance
- C. The transfer of data from the Snowball Edge appliance into Amazon S3
- D. Daily use of the Snowball Edge appliance after 10 days

Correct Answer: C

Question #2

1113 # A company has deployed applications on Amazon EC2 instances. The company needs to assess application vulnerabilities and must identify infrastructure deployments that do not meet best practices.

Which AWS service can the company use to meet these requirements?

- A. AWS Trusted Advisor
- B. Amazon Inspector
- C. AWS Config
- D. Amazon GuardDuty

Correct Answer: B

Amazon Inspector is a Vulnerability Management Service which helps you to scan, assess risk score, identify high impact findings with dashboards.

Question #3

1114 # A company has a centralized group of users with large file storage requirements that have exceeded the space available on premises. The company wants to extend its file storage capabilities for this group while retaining the performance benefit of sharing content locally.

What is the MOST operationally efficient AWS solution for this scenario?

- A. Create an Amazon S3 bucket for each user. Mount each bucket by using an S3 file system mounting utility.
- B. Configure and deploy an AWS Storage Gateway file gateway. Connect each user's workstation to the file gateway.
- C. Move each user's working environment to Amazon WorkSpaces. Set up an Amazon WorkDocs account for each user.
- D. Deploy an Amazon EC2 instance and attach an Amazon Elastic Block Store (Amazon EBS) Provisioned IOPS volume. Share the EBS volume directly with the users.

Correct Answer: B

Question #4

1115 # According to security best practices, how should an Amazon EC2 instance be given access to an Amazon S3 bucket?

- A. Hard code an IAM user's secret key and access key directly in the application, and upload the file.
- B. Store the IAM user's secret key and access key in a text file on the EC2 instance, read the keys, then upload the file.
- C. Have the EC2 instance assume a role to obtain the privileges to upload the file.
- D. Modify the S3 bucket policy so that any service can upload to it at any time.

Correct Answer: C