Q1. 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

Reveal

Hint Answer: C

Q2. 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

Reveal

Hint Answer: A

Q3. Which cloud computing advantage is a company applying when it uses AWS Regions to increase application availability to users in different countries?

A. Pay-as-you-go pricing
B. Capacity forecasting
C. Economies of scale
D. Global reach

Reveal

Hint Answer: D

Q4. Which action is a security best practice for access to sensitive data that is stored in an Amazon S3 bucket?

A. Enable S3 Cross-Region Replication (CRR) on the S3 bucket.
B. Use IAM roles for applications that require access to the S3 bucket.
C. Configure AWS WAF to prevent unauthorized access to the S3 bucket.
D. Configure Amazon GuardDuty to prevent unauthorized access to the S3 bucket.

Reveal

Hint Answer: B

Q5. A company plans to migrate to the AWS Cloud. The company wants to use the AWS Cloud Adoption Framework (AWS CAF) to define and track business outcomes as part of its cloud transformation journey. Which AWS CAF governance perspective capability will meet these requirements?

A. Benefits management
B. Risk management

C. Application portfolio management
D. Cloud financial management

Reveal

Hint Answer: A

Q6. A company is assessing its AWS Business Support plan to determine if the plan still meets the company's needs. The company is considering switching to AWS Enterprise Support. Which additional benefit will the company receive with AWS Enterprise Support?

A. A full set of AWS Trusted Advisor checks
B. Phone, email, and chat access to cloud support engineers 24 hours a day, 7 days a week
C. A designated technical account manager (TAM) to assist in monitoring and optimization
D. A consultative review and architecture guidance for the company's applications

Reveal

Hint Answer: C

Q7. A company has decided to adopt Amazon EC2 infrastructure and wants to scale various stateless services for short-term usage. Which EC2 pricing model is MOST cost-efficient to meet these requirements?

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

Reveal

Hint Answer: A

Q8. A company is migrating its on-premises server to an Amazon EC2 instance. The server must stay active at all times for the next 12 months. Which EC2 pricing option is the MOST cost-effective for the company's workload?

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

Reveal

Hint Answer: D

Q9. 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

Reveal

Hint Answer: B

Q10. 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

Reveal

Hint Answer: A

Q11. 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

Reveal

Hint Answer: D

Q12. Which type of AWS storage is ephemeral and is deleted when an Amazon EC2 instance is stopped or terminated?

A. Amazon Elastic Block Store (Amazon EBS)
B. Amazon EC2 instance store
C. Amazon Elastic File System (Amazon EFS)
D. Amazon S3

Reveal

Hint Answer: B

Q13. 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)

Reveal

Hint Answer: B C

Q14. 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

Reveal

Hint Answer: D

Q15. 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

Reveal

Hint Answer: B

Q16. 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

Reveal

Hint Answer: C

Q17. Which of the following is the customer's responsibility under the AWS shared responsibility model? (Choose two.)

A. Maintain the configuration of infrastructure devices.
B. Maintain patching and updates within the hardware infrastructure.
C. Maintain the configuration of guest operating systems and applications.
D. Manage decisions involving encryption options.
E. Maintain infrastructure hardware.

Reveal

Hint Answer: C D

Q18. A company wants an AWS service to collect and process 10 TB of data locally and transfer the data to AWS. The company has intermittent connectivity. Which AWS service will meet these requirements?

A. AWS Database Migration Service (AWS DMS)
B. AWS DataSync
C. AWS Backup
D. AWS Snowball Edge

Reveal

Hint Answer: D

Q19. Which AWS service or component allows inbound traffic from the internet to access a VPC?

A. Internet gateway
B. NAT gateway
C. AWS WAF
D. VPC peering

Reveal

Hint Answer: A

Q20. A company wants to modernize and convert a monolithic application into microservices. The company wants to move the application to AWS. Which migration strategy should the company use?

A. Rehost
B. Replatform
C. Repurchase
D. Refactor

Reveal

Hint Answer: D

Q21. Which pillar of the AWS Well-Architected Framework refers to the ability of a system to recover from infrastructure or service disruptions and dynamically acquire computing resources to meet demand?

A. Security
B. Reliability
C. Performance efficiency
D. Cost optimization

Reveal

Hint Answer: B

Q22. A company created an Amazon EC2 instance. The company wants to control the incoming and outgoing network traffic at the instance level. Which AWS resource or service will meet this requirement?

A. AWS Shield
B. Security groups
C. Network Access Analyzer
D. VPC endpoints

Reveal

Hint Answer: B

Q23. A customer runs an On-Demand Amazon Linux EC2 instance for 3 hours, 5 minutes, and 6 seconds. For how much time will the customer be billed?

A. 3 hours, 5 minutes
B. 3 hours, 5 minutes, and 6 seconds
C. 3 hours, 6 minutes
D. 4 hours

Reveal

Hint Answer: C

Q24. A team of researchers is going to collect data at remote locations around the world. Many locations do not have internet connectivity. The team needs to capture the data in the field, and transfer it to the AWS Cloud later. Which AWS service will support these requirements?

A. AWS Outposts
B. AWS Transfer Family
C. AWS Snow Family
D. AWS Migration Hub

Reveal

Hint Answer: C

Q25. A company wants a web application to interact with various AWS services. Which AWS service or resource will meet this requirement?

A. AWS CloudShell
B. AWS Marketplace
C. AWS Management Console
D. AWS CLI

Reveal

Hint Answer: C

Q26. 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

Reveal

Hint Answer: A

Q27. A company wants to launch multiple workloads on AWS. Each workload is related to a different business unit. The company wants to separate and track costs for each business unit. Which solution will meet these requirements with the LEAST operational overhead?

A. Use AWS Organizations and create one account for each business unit.
B. Use a spreadsheet to control the owners and cost of each resource.
C. Use an Amazon DynamoDB table to record costs for each business unit.
D. Use the AWS Billing console to assign owners to resources and track costs.

Reveal

Hint Answer: D

Q28. Which responsibility belongs to AWS when a company hosts its databases on Amazon EC2 instances?

A. Database backups
B. Database software patches
C. Operating system patches
D. Operating system installations

Reveal

Hint Answer: D

Q29. Which AWS service converts text to lifelike voices?

A. Amazon Transcribe
B. Amazon Rekognition
C. Amazon Polly
D. Amazon Textract

Reveal

Hint Answer: C

Q30. A global company wants to use a managed security service for protection from SQL injection attacks. The service also must provide detailed logging information about access to the company's ecommerce applications. Which AWS service will meet these requirements?

A. AWS Network Firewall
B. Amazon RDS for SQL Server
C. Amazon GuardDuty
D. AWS WAF

Reveal

Hint Answer: D

Q31. 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

Reveal

Hint Answer: C

Q32. A company uses AWS security services and tools. The company needs a service to help manage the security alerts and must organize the alerts into a single dashboard. Which AWS service should the company use to meet these requirements?

A. Amazon GuardDuty
B. Amazon Inspector
C. Amazon Macie
D. AWS Security Hub

Reveal

Hint Answer: D

Q33. 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

Reveal

Hint Answer: B

Q34. How does the AWS Enterprise Support Concierge team help users?

A. Supporting application development
B. Providing architecture guidance
C. Answering billing and account inquiries
D. Answering questions regarding technical support cases

Reveal

Hint Answer: C

Q35. A company has teams that have different job roles and responsibilities. The company's employees often change teams. The company needs to manage permissions for the employees so that the permissions are appropriate for the job responsibilities. Which IAM resource should the company use to meet this requirement with the LEAST operational overhead?

A. IAM user groups
B. IAM roles
C. IAM instance profiles
D. IAM policies for individual users

Reveal

Hint Answer: B

Q36. 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

Reveal

Hint Answer: A

Q37. 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

Reveal

Hint Answer: C

Q38. 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

Reveal

Hint Answer: D

Q39. 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

Reveal

Hint Answer: A E

Q40. A company has migrated its workloads to AWS. The company wants to adopt AWS at scale and operate more efficiently and securely. Which AWS service or framework should the company use for operational support?

A. AWS Support
B. AWS Cloud Adoption Framework (AWS CAF)
C. AWS Managed Services (AMS)
D. AWS Well-Architected Framework

Reveal

Hint Answer: C

Q41. 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

Reveal

Hint Answer: B

Q42. 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

Reveal

Hint Answer: C

Q43. A company wants to migrate its PostgreSQL database to AWS. The company does not use the database frequently. Which AWS service or resource will meet these requirements with the LEAST management overhead?

A. PostgreSQL on Amazon EC2
B. Amazon RDS for PostgreSQL
C. Amazon Aurora PostgreSQL-Compatible Edition
D. Amazon Aurora Serverless

Reveal

Hint Answer: D

Q44. Which of the following is a way to use Amazon EC2 Auto Scaling groups to scale capacity in the AWS Cloud?

A. Scale the number of EC2 instances in or out automatically, based on demand.
B. Use serverless EC2 instances.
C. Scale the size of EC2 instances up or down automatically, based on demand.
D. Transfer unused CPU resources between EC2 instances.

Reveal

Hint Answer: A

Q45. Which actions are the responsibility of AWS, according to the AWS shared responsibility model? (Choose two.)

A. Securing the virtualization layer
B. Patching the operating system on Amazon EC2 instances
C. Enforcing a strict password policy for IAM users
D. Patching the operating system on Amazon RDS instances
E. Configuring security groups and network ACLs

Reveal

Hint Answer: A D

Q46. Which task is a responsibility of AWS, according to the AWS shared responsibility model?

A. Configure identity and access management for applications.
B. Manage encryption options for data that is stored on AWS.
C. Configure security groups for Amazon EC2 instances.
D. Maintain the physical hardware of the infrastructure.

Reveal

Hint Answer: D

Q47. Which Amazon EC2 pricing model provides the MOST cost savings for an always-up, right-sized database server running for a project that will last 1 year?

A. On-Demand Instances
B. Convertible Reserved Instances
C. Spot Instances
D. Standard Reserved Instances

Reveal

Hint Answer: D

Q48. Which AWS services or features give users the ability to create a network connection between two VPCs? (Choose two.)

A. VPC endpoints
B. Amazon Route 53
C. VPC peering
D. AWS Direct Connect
E. AWS Transit Gateway

Reveal

Hint Answer: C E

Q49. Which capabilities are in the platform perspective of the AWS Cloud Adoption Framework (AWS CAF)? (Choose two.)

A. Performance and capacity management
B. Data engineering
C. Continuous integration and continuous delivery (CI/CD)
D. Infrastructure protection
E. Change and release management

Reveal

Hint Answer: B C

Q50. Which AWS service provides a single location to track the progress of application migrations?

A. AWS Application Discovery Service
B. AWS Application Migration Service
C. AWS Service Catalog
D. AWS Migration Hub

Reveal

Hint Answer: D

Q60. A company wants to create templates that the company can reuse to deploy multiple AWS resources. Which AWS service or feature can the company use to meet this requirement?

A. AWS Marketplace
B. Amazon Machine Image (AMI)
C. AWS CloudFormation
D. AWS OpsWorks

Reveal

Hint Answer: C