**AWS Q&A**

**1. Which AWS service allows users to model and provision AWS resources using common programming languages?**

A. AWS CloudFormation

B. AWS CodePipeline

C. AWS Cloud Development Kit (AWS CDK)

D. AWS Systems Manager

**2. Which AWS resource can help a company reduce its costs in exchange for a usage commitment when using Amazon EC2 instances?**

A. Compute Savings Plans

B. Auto Scaling group

C. On-Demand Instance

D. EC2 instance store

**3. Which AWS service gives companies the ability to create graph applications that can analyze billions of relationships between data points in milliseconds?**

A. Amazon Redshift

B. Amazon Neptune

C. Amazon Document DB (with MongoDB compatibility)

D. Amazon ElastiCache

**4. A company needs to centrally configure and manage network access control lists (NACLs) across multiple AWS accounts in a central location. Which AWS service should the company use to meet these requirements?**

A. AWS Firewall Manager

B. Amazon GuardDuty

C. Amazon Detective

D. AWS WAF

**5. Which AWS service scans for software vulnerabilities and unintended network exposure?**

A. Amazon Inspector

B. AWS Security Hub

C. AWS Shield

D. AWS Trusted Advisor

**6. A cloud practitioner wants a repeatable way to deploy identical AWS resources by using infrastructure templates. Which AWS service will meet these requirements**

A. AWS CloudFormation

B. AWS Directory Service

C. Amazon LightSail

D. AWS CodeDeploy

**7. An e-commerce company has migrated its IT infrastructure from on premises to the AWS cloud. Which cost is the directly company’s 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

**8. 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.

9. Which of the following are design principles for reliability in the AWS Cloud? (Select TWO)

A. Build architectures with tightly coupled resources.

B. Use AWS Trusted Advisor to meet security best practices.

C. Use automation to recover immediately from failure.

D. Rightsized Amazon EC2 instances to ensure optimal performance.

E. Simulate failures to test recovery processes.

10. Which AWS service, feature, or tool uses machine learning to continuously monitor cost and usage for unusual cloud spending?

A. Amazon Lookout for Metrics

B. AWS Budgets

C. Amazon CloudWatch

D. AWS Cost Anomaly Detection

12. A company need a firewall that will control network connections to and from a single Amazon EC2 Instance.

This firewall will not control network connections to and from other instances that are in the same subnet.

Which AWS Service or feature should the company use to meet the requirements??

A. Network ACL

B. AWS WAF

C. Route table

D. Security Group

13. Which action should a company take to improve security in its AWS account

A. Require multi-factor authentication for privileged users

B. Remove the root user account

C. Create an access key for the AWS account root user.

D. Create an access key for each privileged user.

15. Which capabilities are in the governance perspective of the AWS Cloud Adoption Framework? Select TWO

A. Benefits management

B. Data monetization

C. Data curation

D. Change acceleration

F. Patch management

16. Which AWS service should a user use to change an AWS account root user password?

A. AWS IAM Identity Center

B. AWS Management Console

C. AWS Secrets Manager

D. AWS Security Hub

A company needs to centrally manage workforce identify access and permission across AWS accounts and applications. Which AWS Service provides this Functionality

Amazon Cognito

AWS Control Tower

AWS IAM Identity Center

AWS IAM Roles Anywhere

A company Wants to use machine Learning to identify suspicious activities in aws account which aws service provide this functionality.

AWS Shield

Amazon Macie

Amazon Detective

AWS WAF

Which type of Workload should a company run on Amazon EC2 Spot Instance.

A steady state workload that requires a particular Ec2 Instance Configuration for a long period of time

a cost sensitive workload that can be interrupted

a Steady State workload that does not require a long-term commitment

a cost sensitive workload that cannot be interrupted

Which Capabilities are in the platform perspective of the AWS Cloud Adoption framework (AWS CAF) select two

Performance and Capacity Management

Data Engineering

Continuous Integration and Continuous delivery(ci/CD)

Infrastructure Protection

Change and release Management

which capabilities are in operations Perspective of the AWS cloud adoption framework select two

Observability

Portfolio Management

Incident Response

Data Governance

Configuration Management

A Company Runs a web application on Amazon EC2 Instance the application has consistent usage. which EC2 instance purchasing Option will be Meet this Requirement Most Cost Effectively?

1 Year All Upfront Reserved Instance

1 year No Upfront Reserved Instance

3 Year All Upfront Reserved Instances

3 Year No Upfront Reserved Instance

A company is building an application in the AWS Cloud. The application will store data in Amazon S3 buckets in two AWS Regions and want to encrypt all data that is stored in the S3 buckets. Which AWS SERVICE will meet this Requirement?

AWS Key Management Service (AWS KMS)

AWS CloudHSM

Amazon Cognito

AWS Security token Service

Which Cloud Concept is demonstrated by using AWS Compute Optimizer

Security Validation

Right sizing

Elasticity

Global Reach

25.Which statement accurately describes AWS Direct Connect?

A. Direct Connect is a data transport solution that includes physical devices to securely transfer data to and from AWS.

B. Direct Connect establishes private connectivity between AWS and a data center, office, or co-location environment.

C. Direct Connect speeds up distribution of static and dynamic web content, including .html, .css, .js, and image files.

D. Direct Connect automatically distributes application traffic across multiple targets, such as Amazon EC2 instances.

26. Which AWS service can a company use to build conversational chatbots for customer service?

A. Amazon Lex

B. AWS Amplify

C. Amazon Comprehend

D. Amazon Polly

27.Which AWS service provides encryption of data at rest for Amazon Elastic Block Store (EBS) volumes?

A. Amazon Cognito

B. AWS Identity and Access Management (IAM)

C. AWS Key Management Service (AWS KMS)

D. AWS Trusted Advisor

28. What is a customer responsibility under the AWS shared responsibility model when using AWS Lambda?

A. Maintenance of the underlying Lambda hardware.

B. Maintenance of the Lambda networking infrastructure.

C. The code and libraries that run in the Lambda functions

D. The Lambda server software.

29. Treating infrastructure as code in the AWS Cloud allows users to:

A. automate migration of on-premises hardware to AWS data centers

B. let a third party automate an audit of the AWS infrastructure

C. turn over application code to AWS so it can run on the AWS infrastructure

D. automate the infrastructure provisioning process

32. Which of the following is an advantage that users experience when they move their applications to the 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

33. Which of the following Aws Service are serverless? (select two)

A. AWS Outposts

B. Amazon EC2

C. Amazon Elastic Kubernetes Service (Amazon EKS)

D. AWS Fargate

E. AWS Lambda

34. Which AWS service tracks API calls and user activity?

A. AWS Organizations

B. AWS Config

C. Amazon CloudWatch

D. AWS CloudTrail

35.Which AWS service or feature should a company use between microservices

A. Amazon Simple Email Service (Amazon SES)

B. Amazon Simple Notification Service (Amazon SNS)

C. Amazon s3 Event Notifications

D. Amazon Simple Queue Service (Amazon SQS) FIFO queues

36.Which AWS service offers object storage?

A. Amazon RDS

B. Amazon Elastic File System (Amazon EFS)

C. Amazon S3

D. Amazon DynamoDB

37. A company has an application that runs periodically in an on premises environment.

Which AWS service or feature should be used to host the application in the AWS Cloud?

1. Amazon Ec2 Standard Reserved Instances
2. Amazon Ec2 On-Demand Instances
3. AWS Wavelength
4. Application Load Balancer

38. Which AWS service can a company use to directly query and analyses Aws cost and usage report

A. Amazon OpenSearch Service

B. Amazon Athena

C. Amazon Aurora

D. Aws Glue

39. 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 **Most Voted**

**41.Which AWS service or feature can a company use to create a private, secure, logically isolated virtual network within the AWS cloud?**

**A. Amazon Elastic Container Service (Amazon ECS)**

**B. Amazon S3**

**C. Amazon VPC**

**D. Route tables**

**42.A company wants to verify if multi-factor authentication(mfa) is enabled for all users within its AWS accounts?**

**Which service or resource will meet this requirement?**

**A.AWS Cost and Usage Report**

**B.IAM Credential reports**

**C.AWS Artifact**

**D.Amazon CloudFront reports**

**43.Which tasks are the responsibility of AWS, according to the AWS shared responsibility model?**

**A. Patch AWS network devices**

**B. Set user password rules**

**C. Provide physical security for compute resources**

**D. Configure security groups**

**E. Patch the operating system of an Amazon EC2 instance**

**44.A company needs to mount a file shared across multiple Amazon EC2 instances for Linux OS**

**Which AWS service will meet these requirements?**

**A. Amazon FSx for Windows File Server**

**B. Amazon Elastic File System (Amazon EFS)**

**C. Amazon S3**

**D. Amazon DataSync**

**45.Which AWS service provides a scalable data warehouse solution?**

**A.Amazon S3**

**B.Amazon DynamoDB**

**C.Amazon Kinesis Data Streams**

**D.Amazon Redshift**

**46.Which AWS feature or resource is a deployable Amazon EC2 instance template that is prepackaged with software and security requirements?**

**A. Amazon Elastic Block Store (Amazon EBS) volume**

**B.AWS Cloud Formation template**

**C. Amazon Elastic Block Store (Amazon EBS) snapshot**

**D. Amazon Machine Image (AMI)**

**47.A company wants to minimize network latency between its Amazon EC2 instance. The EC2 instances do not need to be highly available.**

**Which solution meets these requirements?**

**A. Use EC2 instance in a single Availability Zone**

**B. Use EC2 instance in multiple edge locations**

**C. Use EC2 instance in the same Availability Zone but in different AWS Regions**

**D. Use EC2 instance in the same edge location and the same AWS Region**

**48.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**

**51.Which AWS Trusted Advisor check category includes the AWS Cloudtiral** logging check

**OA Service limits**

**OB Security**

**OC Performance**

**OD Fault tolerance**

**52.A financial company needs to centrally manage its AWS accounts and use consolidated tiling**

**Which AWS service or feature should the company use?**

**OA AWS Cost Explorer**

**O B. AWS Organizations**

**OC. AWS Billing and Cost Management**

**OD. AWS Budgets**

**53.** A company wants to know more about the benefits offered by cloud computing. The company wants to understand the operational advantage of agility. How does AWS provide agility for users?

* A. The ability the ensure high availability by deploying workloads to multiple regions
* B. A pay-as-you-go model for many services and resources
* C. The ability to transfer infrastructure management to the AWS Cloud
* D. The ability to provision and deprovision resources quickly with minimal effor

A company is operating several factories where it builds products. The company needs the ability to process data, store data, and run applications with local system interdependencies that require low latency.  
Which AWS service should the company use to meet these requirements?

* A. AWS IoT Greengrass
* B. AWS Lambda
* C. AWS Outposts **Most Voted**
* D. AWS Snowball Edge

A company migrated its core application onto multiple workloads in the AWS Cloud. The company wants to improve the application’s reliability. Which cloud design principle should the company implement to achieve this goal?

A. Maximize utilization.  
B. Decouple the components.  
C. Rightsize the resources.  
D. Adopt a consumption model.

A company uses Amazon S3 to store records that can contain personally identifiable information (PII). The company wants a solution that can monitor all S3 buckets for PII and immediately alert staff about vulnerabilities.  
  
Which AWS service will meet these requirements?

* A. Amazon GuardDuty
* B. Amazon Detective
* C. Amazon Macie
* D. AWS Shield

57) which AWS service requires the customers to be fully responsible for applying operating system patches

a) Amazon dynamo db

b) AWS Lambda

c) AWS Fargate

d) Amazon EC2

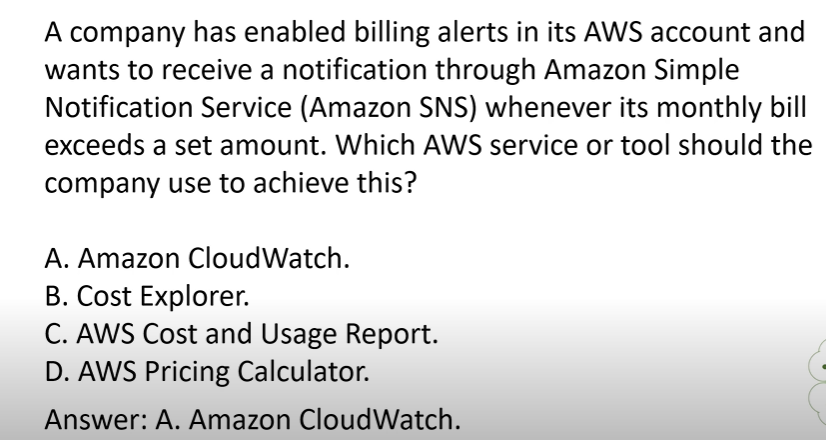
58) Which of the following is a pillar of the AWS Well-Architected Framework?

a) Redundancy

b) Operational excellence

c) Availability

d) Multi-region



60) A company is deploying a web application on Amazon EC2 instances.

Which task is the responsibility of AWS? According to the shared AWS responsibility modal?

a) configure IAM permission

b) Configure security group

c) Manage the security of the EC2 instance hardware

d) Manage the security of the EC2 instance guest Operating system

61) Which actions are AWS security best practices for using IAM.

a) Set-up MFA for root user

b) Remove all IAM policies from the root user

c) Delete the root user access key

d) use the root user for daily task

e) Assign a read - only access policy to the root user

A company needs Amazon EC2 instances for a workload that can tolerate interruptions.  
  
Which EC2 instance purchasing option meets this requirement with the LARGEST discount compared to On-Demand prices?

* A. Spot Instances
* B. Convertible Reserved Instances
* C. Standard Reserved Instances
* D. Dedicated Hosts