provides a simple, powerful user interface that lets you build scaling plans for resources including Amazon EC2 instances and Spot Fleets, Amazon ECS tasks, Amazon DynamoDB tables and indexes, and Amazon Aurora Replicas. AWS Auto Scaling makes scaling simple with recommendations that allow you to optimize performance, costs, or balance between them. If you're already using Amazon EC2 Auto Scaling to dynamically scale your Amazon EC2 instances, you can now combine it with AWS Auto Scaling to scale additional resources for other AWS services. With AWS Auto Scaling, your applications always have the right resources at the right time.

Reference:
https://aws.amazon.com/autoscaling/

QUESTION 94
Which AWS services are defined as global instead of regional? (Choose two.)

A.   Amazon Route 53
B.   Amazon EC2
C.   Amazon S3
D.   Amazon CloudFront
E.   Amazon DynamoDB

Correct Answer: AD
Explanation:
http://jayendrapatil.com/aws-global-vs-regional-vs-az-resources/

QUESTION 95
Which AWS service would you use to obtain compliance reports and certificates?

A.   AWS Artifact
B.   AWS Lambda
C.   Amazon Inspector
D.   AWS Certificate Manager

Correct Answer: A
Explanation:
AWS Artifact is your go-to, central resource for compliance-related information that matters to you. It provides on-demand access to AWS' security and compliance reports and select online agreements. Reports available in AWS Artifact include our Service Organization Control (SOC) reports, Payment Card Industry (PCI) reports, and certifications from accreditation bodies across geographies and compliance verticals that validate the implementation and operating effectiveness of AWS security controls. Agreements available in AWS Artifact include the Business Associate Addendum (BAA) and the Nondisclosure Agreement (NDA).

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

QUESTION 96
Under the shared responsibility model, which of the following tasks are the responsibility of the AWS customer? (Choose two.)

A.   Ensuring that application data is encrypted at rest
B.   Ensuring that AWS NTP servers are set to the correct time

C. Ensuring that users have received security training in the use of AWS services
D. Ensuring that access to data centers is restricted
E. Ensuring that hardware is disposed of properly

Correct Answer: AC

QUESTION 97
Which AWS service can be used to manually launch instances based on resource requirements?

A. Amazon EBS
B. Amazon S3
C. Amazon EC2
D. Amazon ECS

Correct Answer: C

QUESTION 98
A company is migrating an application that is running non-interruptible workloads for a three-year time frame. Which pricing construct would provide the MOST cost-effective solution?

A. Amazon EC2 Spot Instances
B. Amazon EC2 Dedicated Instances
C. Amazon EC2 On-Demand Instances
D. Amazon EC2 Reserved Instances

Correct Answer: D

QUESTION 99
The financial benefits of using AWS are: (Choose two.)

A. reduced Total Cost of Ownership (TCO).
B. increased capital expenditure (capex).
C. reduced operational expenditure (opex).
D. deferred payment plans for startups.
E. business credit lines for stratups.

Correct Answer: AC

QUESTION 100
Which AWS Cost Management tool allows you to view the most granular data about your AWS bill?

A. AWS Cost Explorer
B. AWS Budgets
C. AWS Cost and Usage report
D. AWS Billing dashboard

Correct Answer: C
Explanation:
The Cost & Usage Report is your one-stop-shop for accessing the most granular data about your AWS costs and usage. You can also load your cost and usage information into Amazon Athena,

Amazon Redshift, AWS QuickSight, or a tool of your choice.

Reference:
https://aws.amazon.com/aws-cost-management/

QUESTION 101
Which of the following can an AWS customer use to launch a new Amazon Relational Database Service (Amazon RDS) cluster?

A. AWS Concierge
B. AWS CloudFormation
C. Amazon Simple Storage Service (Amazon S3)
D. Amazon EC2 Auto Scaling
E. AWS Management Console

Correct Answer: E

QUESTION 102
Which of the following is an AWS Cloud architecture design principle?

A. Implement single points of failure.
B. Implement loose coupling.
C. Implement monolithic design.
D. Implement vertical scaling.

Correct Answer: B
Explanation:
Loose coupling between services can also be done through asynchronous integration. It involves one component that generates events and another that consumes them. The two components do not integrate through direct point-to-point interaction, but usually through an intermediate durable storage layer. This approach decouples the two components and introduces additional resiliency. So, for example, if a process that is reading messages from the queue fails, messages can still be added to the queue to be processed when the system recovers.

Reference:
https://www.botmetric.com/blog/aws-cloud-architecture-design-principles/

QUESTION 103
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.

Correct Answer: BE
Explanation:
If you decided to create service accounts (that is, accounts used for programmatic access by

applications running outside of the AWS environment) and generate access keys for them, you should create a dedicated service account for each use case. This will allow you to restrict the associated policy to only the permissions needed for the particular use case, limiting the blast radius if the credentials are compromised. For example, if a monitoring tool and a release management tool both require access to your AWS environment, create two separate service accounts with two separate policies that define the minimum set of permissions for each tool.

Reference:
https://aws.amazon.com/blogs/security/guidelines-for-protecting-your-aws-account-while-using-programmatic-access/

QUESTION 104
Which service provides a hybrid storage service that enables on-premises applications to seamlessly use cloud storage?

A.   Amazon Glacier
B.   AWS Snowball
C.   AWS Storage Gateway
D.   Amazon Elastic Block Storage (Amazon EBS)

Correct Answer: C
Explanation:
AWS Storage Gateway is a hybrid cloud storage service that gives you on-premises access to virtually unlimited cloud storage. Customers use Storage Gateway to simplify storage management and reduce costs for key hybrid cloud storage use cases. These include moving tape backups to the cloud, reducing on-premises storage with cloud-backed file shares, providing low latency access to data in AWS for on-premises applications, as well as various migration, archiving, processing, and disaster recovery use cases.

Reference:
https://aws.amazon.com/storagegateway/?whats-new-cards.sort-by=item.additionalFields.postDateTime&whats-new-cards.sort-order=desc

QUESTION 105
Which of the following services falls under the responsibility of the customer to maintain operating system configuration, security patching, and networking?

A.   Amazon RDS
B.   Amazon EC2
C.   Amazon ElastiCache
D.   AWS Fargate

Correct Answer: B
Explanation:
The customer is responsible for managing, support, patching and control of the guest operating system and AWS services provided like EC2.

Reference:
https://www.whizlabs.com/blog/aws-security-shared-responsibility/

QUESTION 106
Which of the following is an important architectural design principle when designing cloud

applications?

A. Use multiple Availability Zones.
B. Use tightly coupled components.
C. Use open source software.
D. Provision extra capacity.

Correct Answer: A
Explanation:
Data Center resilience is practiced through Availability Zones across data centers that reduce the impact of failures.

Fault isolation improvement can be made to traditional horizontal scaling by sharding (a method of grouping instances into groups called shards, instead of sending the traffic from all users to every node like in the traditional IT structure.)

Reference:
https://www.botmetric.com/blog/aws-cloud-architecture-design-principles/

QUESTION 107
Which AWS support plan includes a dedicated Technical Account Manager?

A. Developer
B. Enterprise
C. Business
D. Basic

Correct Answer: B
Explanation:
The enterprise support plans supports technical account manager. Developer and business support plans are devoid of this facility.

Reference:
https://aws.amazon.com/premiumsupport/plans/

QUESTION 108
Amazon Relational Database Service (Amazon RDS) offers which of the following benefits over traditional database management?

A. AWS manages the data stored in Amazon RDS tables.
B. AWS manages the maintenance of the operating system.
C. AWS automatically scales up instance types on demand.
D. AWS manages the database type.

Correct Answer: B

QUESTION 109
Which service is best for storing common database query results, which helps to alleviate database access load?

A. Amazon Machine Learning
B. Amazon SQS