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services, such as EC2, EBS, AS, ELB, RDS, VPC, etc. It also provides application bootstrapping scripts which enable the user to install software packages or create folders. It is free of the cost and only charges the user for the services created with it. The only challenge is that it does not follow any model, such as DevOps; instead customers can define templates and use them to provision and manage the AWS resources in an orderly way.

QUESTION 62

A user wants to disable connection draining on an existing ELB. Which of the below mentioned statements helps the user disable connection draining on the ELB?

- A. The user can only disable connection draining from CLI
- B. It is not possible to disable the connection draining feature once enabled
- C. The user can disable the connection draining feature from EC2 -> ELB console or from CLI
- D. The user needs to stop all instances before disabling connection draining

Correct Answer: C

Explanation:

The Elastic Load Balancer connection draining feature causes the load balancer to stop sending new requests to the back-end instances when the instances are deregistering or become unhealthy, while ensuring that inflight requests continue to be served. The user can enable or disable connection draining from the AWS EC2 console -> ELB or using CLI.

QUESTION 63

You are managing the AWS account of a big organization. The organization has more than 1000+ employees and they want to provide access to the various services to most of the employees. Which of the below mentioned options is the best possible solution in this case?

- A. The user should create a separate IAM user for each employee and provide access to them as per the policy.
- B. The user should create an IAM role and attach STS with the role. The user should attach that role to the EC2 instance and setup AWS authentication on that server.
- C. The user should create IAM groups as per the organization's departments and add each user to the group for better access control.
- D. Attach an IAM role with the organization's authentication service to authorize each user for various AWS services.

Correct Answer: D

Explanation:

AWS Identity and Access Management is a web service which allows organizations to manage users and user permissions for various AWS services. The user is managing an AWS account for an organization that already has an identity system, such as the login system for the corporate network (SSO). In this case, instead of creating individual IAM users or groups for each user who need AWS access, it may be more practical to use a proxy server to translate the user identities from the organization network into the temporary AWS security credentials. This proxy server will attach an IAM role to the user after authentication.

QUESTION 64

A user has created a VPC with CIDR 20.0.0.0/16 using the wizard. The user has created a public subnet CIDR (20.0.0.0/24. and VPN only subnets CIDR (20.0.1.0/24. along with the VPN gateway (vgw-12345. to connect to the user's data centre. Which of the below mentioned options is a valid entry for the main route table in this scenario?

- A. Destination: 20.0.0.0/24 and Target: vgw-12345

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- B. Destination: 20.0.0.0/16 and Target: ALL
- C. Destination: 20.0.1.0/16 and Target: vgw-12345
- D. Destination: 0.0.0.0/0 and Target: vgw-12345

Correct Answer: D

Explanation:

The user can create subnets as per the requirement within a VPC. If the user wants to connect VPC from his own data centre, he can setup a public and VPN only subnet which uses hardware VPN access to connect with his data centre. When the user has configured this setup with Wizard, it will create a virtual private gateway to route all traffic of the VPN subnet. Here are the valid entries for the main route table in this scenario:

Destination: 0.0.0.0/0 & Target: vgw-12345 (To route all internet traffic to the VPN gateway.

Destination: 20.0.0.0/16 & Target: local (To allow local routing in VPC.

QUESTION 65

A user has configured an Auto Scaling group with ELB. The user has enabled detailed CloudWatch monitoring on Auto Scaling. Which of the below mentioned statements will help the user understand the functionality better?

- A. It is not possible to setup detailed monitoring for Auto Scaling
- B. In this case, Auto Scaling will send data every minute and will charge the user extra
- C. Detailed monitoring will send data every minute without additional charges
- D. Auto Scaling sends data every minute only and does not charge the user

Correct Answer: B

Explanation:

CloudWatch is used to monitor AWS as well as the custom services. It provides either basic or detailed monitoring for the supported AWS products. In basic monitoring, a service sends data points to CloudWatch every five minutes, while in detailed monitoring a service sends data points to CloudWatch every minute. Auto Scaling includes 7 metrics and 1 dimension, and sends data to CloudWatch every 5 minutes by default. The user can enable detailed monitoring for Auto Scaling, which sends data to CloudWatch every minute. However, this will have some extra-costs.

QUESTION 66

An organization is generating digital policy files which are required by the admins for verification. Once the files are verified they may not be required in the future unless there is some compliance issue. If the organization wants to save them in a cost effective way, which is the best possible solution?

- A. AWS RRS
- B. AWS S3
- C. AWS RDS
- D. AWS Glacier

Correct Answer: D

Explanation:

Amazon S3 stores objects according to their storage class. There are three major storage classes: Standard, Reduced Redundancy and Glacier. Standard is for AWS S3 and provides very high durability. However, the costs are a little higher. Reduced redundancy is for less critical files. Glacier is for archival and the files which are accessed infrequently. It is an extremely low-cost

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storage service that provides secure and durable storage for data archiving and backup.

QUESTION 67

A user has created a VPC with CIDR 20.0.0.0/16 with only a private subnet and VPN connection using the VPC wizard. The user wants to connect to the instance in a private subnet over SSH. How should the user define the security rule for SSH?

- A. Allow Inbound traffic on port 22 from the user's network.
- B. The user has to create an instance in EC2 Classic with an elastic IP and configure the security group of a private subnet to allow SSH from that elastic IP.
- C. The user can connect to a instance in a private subnet using the NAT instance.
- D. Allow Inbound traffic on port 80 and 22 to allow the user to connect to a private subnet over the Internet.

Correct Answer: A

Explanation:

The user can create subnets as per the requirement within a VPC. If the user wants to connect VPC from his own data centre, the user can setup a case with a VPN only subnet (private. which uses VPN access to connect with his data centre. When the user has configured this setup with Wizard, all network connections to the instances in the subnet will come from his data centre. The user has to configure the security group of the private subnet which allows the inbound traffic on SSH (port 22. from the data centre's network range.

QUESTION 68

A system admin is managing buckets, objects and folders with AWS S3. Which of the below mentioned statements is true and should be taken in consideration by the sysadmin?

- A. The folders support only ACL
- B. Both the object and bucket can have an Access Policy but folder cannot have policy
- C. Folders can have a policy
- D. Both the object and bucket can have ACL but folders cannot have ACL

Correct Answer: A

Explanation:

A sysadmin can grant permission to the S3 objects or the buckets to any user or make objects public using the bucket policy and user policy. Both use the JSON-based access policy language. Generally if user is defining the ACL on the bucket, the objects in the bucket do not inherit it and vice a versa. The bucket policy can be defined at the bucket level which allows the objects as well as the bucket to be public with a single policy applied to that bucket. It cannot be applied at the object level. The folders are similar to objects with no content. Thus, folders can have only ACL and cannot have a policy.

QUESTION 69

A user has created an ELB with the availability zone US-East-1A. The user wants to add more zones to ELB to achieve High Availability. How can the user add more zones to the existing ELB?

- A. It is not possible to add more zones to the existing ELB
- B. The only option is to launch instances in different zones and add to ELB
- C. The user should stop the ELB and add zones and instances as required
- D. The user can add zones on the fly from the AWS console

Correct Answer: D

Explanation:

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The user has created an Elastic Load Balancer with the availability zone and wants to add more zones to the existing ELB. The user can do so in two ways:

From the console or CLI, add new zones to ELB;

Launch instances in a separate AZ and add instances to the existing ELB.

QUESTION 70

A user has developed an application which is required to send the data to a NoSQL database. The user wants to decouple the data sending such that the application keeps processing and sending data but does not wait for an acknowledgement of DB. Which of the below mentioned applications helps in this scenario?

- A. AWS Simple Notification Service
- B. AWS Simple Workflow
- C. AWS Simple Queue Service
- D. AWS Simple Query Service

Correct Answer: C

Explanation:

Amazon Simple Queue Service (SQS) is a fast, reliable, scalable, and fully managed message queuing service. SQS provides a simple and cost-effective way to decouple the components of an application. In this case, the user can use AWS SQS to send messages which are received from an application and sent to DB. The application can continue processing data without waiting for any acknowledgement from DB. The user can use SQS to transmit any volume of data without losing messages or requiring other services to always be available.

QUESTION 71

A user has setup an EBS backed instance and a CloudWatch alarm when the CPU utilization is more than 65%. The user has setup the alarm to watch it for 5 periods of 5 minutes each. The CPU utilization is 60% between 9 AM to 6 PM. The user has stopped the EC2 instance for 15 minutes between 11 AM to 11:15 AM. What will be the status of the alarm at 11:30 AM?

- A. Alarm
- B. OK
- C. Insufficient Data
- D. Error

Correct Answer: B

Explanation:

Amazon CloudWatch alarm watches a single metric over a time period the user specifies and performs one or more actions based on the value of the metric relative to a given threshold over a number of time periods. The state of the alarm will be OK for the whole day. When the user stops the instance for three periods the alarm may not receive the data.

QUESTION 72

A user has received a message from the support team that an issue occurred 1 week back between 3 AM to 4 AM and the EC2 server was not reachable. The user is checking the CloudWatch metrics of that instance. How can the user find the data easily using the CloudWatch console?

- A. The user can find the data by giving the exact values in the time Tab under CloudWatch metrics.
- B. The user can find the data by filtering values of the last 1 week for a 1 hour period in the Relative tab under CloudWatch metrics.
- C. It is not possible to find the exact time from the console. The user has to use CLI to provide the

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specific time.

- D. The user can find the data by giving the exact values in the Absolute tab under CloudWatch metrics.

Correct Answer: D

Explanation:

If the user is viewing the data inside the CloudWatch console, the console provides options to filter values either using the relative period, such as days /hours or using the Absolute tab where the user can provide data with a specific date and time. The console also provides the option to search using the local timezone under the time range caption in the console.

QUESTION 73

An organization is planning to create 5 different AWS accounts considering various security requirements. The organization wants to use a single payee account by using the consolidated billing option. Which of the below mentioned statements is true with respect to the above information?

- A. Master (Payee. account will get only the total bill and cannot see the cost incurred by each account.
- B. Master (Payee. account can view only the AWS billing details of the linked accounts.
- C. It is not recommended to use consolidated billing since the payee account will have access to the linked accounts.
- D. Each AWS account needs to create an AWS billing policy to provide permission to the payee account.

Correct Answer: B

Explanation:

AWS consolidated billing enables the organization to consolidate payments for multiple Amazon Web Services (AWS. accounts within a single organization by making a single paying account. Consolidated billing enables the organization to see a combined view of the AWS charges incurred by each account as well as obtain a detailed cost report for each of the individual AWS accounts associated with the paying account. The payee account will not have any other access than billing data of linked accounts.

QUESTION 74

A user has created a VPC with CIDR 20.0.0.0/16. The user has created public and VPN only subnets along with hardware VPN access to connect to the user's datacenter. The user wants to make so that all traffic coming to the public subnet follows the organization's proxy policy. How can the user make this happen?

- A. Setting up a NAT with the proxy protocol and configure that the public subnet receives traffic from NAT.
- B. Settin up a proxy policy in the internet gateway connected with the public subnet.
- C. It is not possible to setup the proxy policy for a public subnet.
- D. Setting the route table and security group of the public subnet which receives traffic from a virtual private gateway.

Correct Answer: D

Explanation:

The user can create subnets within a VPC. If the user wants to connect to VPC from his own data centre, he can setup public and VPN only subnets which uses hardware VPN access to connect with his data centre. When the user has configured this setup, it will update the main route table used with the VPN-only subnet, create a custom route table and associate it with the public

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