

SOA-C01 Dumps

AWS Certified SysOps Administrator - Associate

<https://www.certleader.com/SOA-C01-dumps.html>



NEW QUESTION 1

You are currently hosting multiple applications in a VPC and have logged numerous port scans coming in from a specific IP address block. Your security team has requested that all access from the offending IP address block be denied for the next 24 hours.

Which of the following is the best method to quickly and temporarily deny access from the specified IP address block?

- A. Create an AD policy to modify Windows Firewall settings on all hosts in the VPC to deny access from the IP address block
- B. Modify the Network ACLs associated with all public subnets in the VPC to deny access from the IP address block
- C. Add a rule to all of the VPC 5 Security Groups to deny access from the IP address block
- D. Modify the Windows Firewall settings on all Amazon Machine Images (AMIs) that your organization uses in that VPC to deny access from the IP address block

Answer: B

Explanation:

Reference:

http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/VPC_SecurityGroups.html

NEW QUESTION 2

You have started a new job and are reviewing your company's infrastructure on AWS. You notice one web application where they have an Elastic Load Balancer (&B) in front of web instances in an Auto Scaling Group. When you check the metrics for the ELB in CloudWatch, you see four healthy instances in Availability Zone (AZ) A and zero in AZ B. There are zero unhealthy instances.

What do you need to fix to balance the instances across AZs?

- A. Set the ELB to only be attached to another AZ
- B. Make sure Auto Scaling is configured to launch in both AZs
- C. Make sure your AMI is available in both AZs
- D. Make sure the maximum size of the Auto Scaling Group is greater than 4

Answer: B

NEW QUESTION 3

You have identified network throughput as a bottleneck on your m1.small EC2 instance when uploading data into Amazon S3 in the same region. How do you remedy this situation?

- A. Add an additional ENI
- B. Change to a larger Instance
- C. Use DirectConnect between EC2 and S3
- D. Use EBS PIOPS on the local volume

Answer: B

Explanation:

Reference:

https://media.amazonwebservices.com/AWS_Amazon_EMR_Best_Practices.pdf

NEW QUESTION 4

Your application currently leverages AWS Auto Scaling to grow and shrink as load increases/decreases and has been performing well. Your marketing team expects a steady ramp up in traffic to follow an upcoming campaign that will result in a 20x growth in traffic over 4 weeks. Your forecast for the approximate number of Amazon EC2 instances necessary to meet the peak demand is 175.

What should you do to avoid potential service disruptions during the ramp up in traffic?

- A. Ensure that you have pre-allocated 175 Elastic IP addresses so that each server will be able to obtain one as it launches
- B. Check the service limits in Trusted Advisor and adjust as necessary so the forecasted count remains within limits.
- C. Change your Auto Scaling configuration to set a desired capacity of 175 prior to the launch of the marketing campaign
- D. Pre-warm your Elastic Load Balancer to match the requests per second anticipated during peak demand prior to the marketing campaign

Answer: B

Explanation:

As the EC2 limit per region is max 20. You will need to fill an Amazon EC2 instance request form to increase the EC2 instances to 175.

http://aws.amazon.com/ec2/faqs/#How_many_instances_can_I_run_in_Amazon_EC2

I don't think the answer can be D, as the question says "expects a steady ramp up in traffic to follow an upcoming campaign that will result in a 20x growth in traffic over 4 weeks". To pre-warm your ELB, you have to put in a request to AWS. You can't do it.

Q: How do I reserve capacity for an existing, running instance?

To reserve capacity for a running instance, you can purchase a Reserved Instance or modify an existing reservation so it matches your instance's specifications.

You can purchase Reserved Instances via the Amazon EC2 Console or by using the `PurchaseReservedInstancesOffering` API. You can modify existing Reserved Instances via the Amazon EC2 Console or by using the `ModifyReservedInstances` API call.

In both cases, the reservation must match the following attributes of the running instance you want to cover:

Availability Zone (e.g., us-east-1a) Instance type (e.g., m3.large)

Platform (e.g., Linux/UNIX (Amazon VPC)) Tenancy (e.g., default)

Q: How do I control which instances are billed at the lower rate?

The `RunInstances` API command does not distinguish between On-Demand instances and the reservations that can be applied to them. When computing your bill, our system will automatically optimize which instances are charged at the lower rate to ensure you always pay the lowest amount. For information about hourly billing, and how it applies to Reserved Instances, see [Billing Benefits and Payment Options](#).

Q: How many Reserved Instances can I purchase?

You can purchase up to 20 Reserved Instances per Availability Zone each month. If you need additional Reserved Instances, complete the form found [here](#).

Information about previous generation Reserved Instance types can be found [here](#).

Q: Can I reassign my Reserved Instance from one instance type (e.g., c1.xlarge) to another (e.g., m1.large)?

No. A Reserved Instance is associated with a specific instance type for the duration of its term; however, you can change from one instance size (e.g., c3.large) to

another (e.g., c3.xlarge) in the same type, if it is a Linux/UNIX Reserved Instance.

Q: Can I move a Reserved Instance from one region to another?

No. A Reserved Instance is associated with a specific region, which is fixed for the duration of the reservation's term.

Q: Can I modify a Reserved Instance?

Yes. You can request to modify active reservations that you own in one of the following ways: Move between Availability Zones within the same region.

Change the network platform from EC2-Classic to EC2-VPC (for EC2-Classic-enabled customers). Change the instance type of your Linux/UNIX Reserved Instances to a larger or smaller size in the same instance type (e.g., convert 8 m1.smalls into 4 m1.mediums, or vice versa).

Instance type modifications are only supported for Linux/UNIX platform reservations. However, due to licensing differences Linux Reserved Instances cannot be modified to RedHat or SUSE Linux Reserved Instances.

The reservations that you modify must have been purchased on the same day, be the same instance type, and in the same Availability Zone and region. It is not possible to combine reservations. However, if you have multiple instances in the same reservation (i.e., the reservation was purchased to apply to 10 instances), you can modify each of these instances either individually or as a whole.

Q: How do I request changes or modifications?

You can submit a modification request from the Amazon EC2 Console or by using the ModifyReservedInstances API. We process your requests as soon as possible, depending on available capacity. There is no additional cost for modifying your Reserved Instances.

To learn more about modification, see the Amazon EC2 User Guide.

NEW QUESTION 5

Which of the following are characteristics of Amazon VPC subnets? Choose 2 answers

- A. Each subnet maps to a single Availability Zone
- B. A CIDR block mask of /25 is the smallest range supported
- C. Instances in a private subnet can communicate with the internet only if they have an Elastic IP.
- D. By default, all subnets can route between each other, whether they are private or public
- E. Each subnet spans at least 2 Availability zones to provide a high-availability environment

Answer: AD

Explanation:

You can create a VPC that spans multiple Availability Zones. For more information, see Creating a VPC. After creating a VPC, you can add one or more subnets in each Availability Zone. Each subnet must reside entirely within one Availability Zone and cannot span zones. Availability Zones are distinct locations that are engineered to be isolated from failures in other Availability Zones. By launching instances in separate Availability Zones, you can protect your applications from the failure of a single location. AWS assigns a unique ID to each subnet.

?V B is wrong: /28 is the smallest

?V C is wrong: private subnet should go via NAT (EIP only in public subnet)

?V E is wrong: subnet can only map to ONE AZ (not span multiple)

NEW QUESTION 6

You have a web application leveraging an Elastic Load Balancer (ELB) In front of the web servers deployed using an Auto Scaling Group. Your database is running on Relational Database Service (RDS) The application serves out technical articles and responses to them in general there are more views of an article than there are responses to the article. On occasion, an article on the site becomes extremely popular resulting in significant traffic Increases that causes the site to go down.

What could you do to help alleviate the pressure on the infrastructure while maintaining availability during these events?

Choose 3 answers

- A. Leverage CloudFront for the delivery of the articles.
- B. Add RDS read-replicas for the read traffic going to your relational database
- C. Leverage ElastiCache for caching the most frequently used data.
- D. Use SQS to queue up the requests for the technical posts and deliver them out of the queue.
- E. Use Route53 health checks to fail over to an S3 bucket for an error page.

Answer: ABC

Explanation:

The questions mention RDS so an answer that includes that as part of the solution makes sense. Also, Route53 does nothing to alleviate pressure on the infrastructure, it??s for failover. E is counterproductive. It talks about failing over to an error page on S3.

NEW QUESTION 7

An application that you are managing has EC2 instances & Dynamo DB tables deployed to several AWS Regions. In order to monitor the performance of the application globally, you would like to see two graphs: 1) Avg CPU Utilization across all EC2 instances and 2) Number of Throttled Requests for all DynamoDB tables.

How can you accomplish this?

- A. Tag your resources with the application name, and select the tag name as the dimension in the CloudWatch Management console to view the respective graphs
- B. Use the Cloud Watch CLI tools to pull the respective metrics from each regional endpoint Aggregate the data offline & store it for graphing in CloudWatch.
- C. Add SNMP traps to each instance and DynamoDB table Leverage a central monitoring server to capture data from each instance and table Put the aggregate data into Cloud Watch for graphing.
- D. Add a CloudWatch agent to each instance and attach one to each DynamoDB tabl
- E. When configuring the agent set the appropriate application name & view the graphs in CloudWatch.

Answer: A

Explanation:

Correct answer should be A. When you turn on detailed monitoring in CloudWatch, you can get 1) Avg CPU Utilization across all EC2 instances and 2) Number of Throttled Requests for all DynamoDB tables

Reference: <http://docs.aws.amazon.com/AmazonCloudWatch/latest/DeveloperGuide/GetSingleMetricAllDimen sions.html>

NEW QUESTION 8

When assessing an organization s use of AWS API access credentials which of the following three credentials should be evaluated? Choose 3 answers

- A. Key pairs
- B. Console passwords
- C. Access keys
- D. Signing certificates
- E. Security Group memberships

Answer: ACD

Explanation:

Reference:

http://media.amazonwebservices.com/AWS_Operational_Checklists.pdf

NEW QUESTION 9

You have two Elastic Compute Cloud (EC2) instances inside a Virtual Private Cloud (VPC) in the same Availability Zone (AZ) but in different subnets. One instance is running a database and the other instance an application that will interface with the database. You want to confirm that they can talk to each other for your application to work properly.

Which two things do we need to confirm in the VPC settings so that these EC2 instances can communicate inside the VPC?

Choose 2 answers

- A. A network ACL that allows communication between the two subnets.
- B. Both instances are the same instance class and using the same Key-pair.
- C. That the default route is set to a NAT instance or internet Gateway (IGW) for them to communicate.
- D. Security groups are set to allow the application host to talk to the database on the right port/protocol.

Answer: AD

NEW QUESTION 10

Which services allow the customer to retain full administrative privileges of the underlying EC2 instances?

Choose 2 answers

- A. Amazon Elastic Map Reduce
- B. Elastic Load Balancing
- C. AWS Elastic Beanstalk
- D. Amazon ElastiCache
- E. Amazon Relational Database service

Answer: AC

Explanation:

The below services provide Root level access:

- * EC2
- * Elastic Beanstalk
- * Elastic MapReduce ?V Master Node
- * Opswork

NEW QUESTION 10

You have a web-style application with a stateless but CPU and memory-intensive web tier running on a cc2 8xlarge EC2 instance inside of a VPC. The instance when under load is having problems returning requests within the SLA as defined by your business. The application maintains its state in a DynamoDB table, but the data tier is properly provisioned and responses are consistently fast. How can you best resolve the issue of the application responses not meeting your SLA?

- A. Add another cc2 8xlarge application instance, and put both behind an Elastic Load Balancer
- B. Move the cc2 8xlarge to the same Availability Zone as the DynamoDB table
- C. Cache the database responses in ElastiCache for more rapid access
- D. Move the database from DynamoDB to RDS MySQL in scale-out read-replica configuration

Answer: C

Explanation:

But it is possibly A as DynamoDB is automatically available across three facilities in an AWS Region. So moving in to a same AZ is not possible / necessary. In this case the DB layer is not the issue, the EC2 8xlarge is the issue; so add another one with a ELB in-front of it.

See also: <https://aws.amazon.com/dynamodb/faqs/>

NEW QUESTION 13

You run a web application where web servers on EC2 Instances are in an Auto Scaling group. Monitoring over the last 6 months shows that 6 web servers are necessary to handle the minimum load. During the day up to 12 servers are needed. Five to six days per year, the number of web servers required might go up to 15.

What would you recommend to minimize costs while being able to provide high availability?

- A. 6 Reserved instances (heavy utilization), 6 Reserved instances (medium utilization), rest covered by On-Demand instances
- B. 6 Reserved instances (heavy utilization), 6 On-Demand instances, rest covered by Spot Instances
- C. 6 Reserved instances (heavy utilization), 6 Spot instances, rest covered by On-Demand instances
- D. 6 Reserved instances (heavy utilization), 6 Reserved instances (medium utilization), rest covered by Spot instances

Answer: A

Explanation:

The only plausible answer is A because all other answers include Spot Instances that can be removed without warning and that would not be highly available.

NEW QUESTION 15

You have been asked to propose a multi-region deployment of a web-facing application where a controlled portion of your traffic is being processed by an alternate region.

Which configuration would achieve that goal?

- A. Route53 record sets with weighted routing policy
- B. Route53 record sets with latency based routing policy
- C. Auto Scaling with scheduled scaling actions set
- D. Elastic Load Balancing with health checks enabled

Answer: A

Explanation:

The question is asking ??a controlled portion of your traffic??. that would be established with weighted routing policy.

See: <http://docs.aws.amazon.com/Route53/latest/DeveloperGuide/routing-policy.html>

NEW QUESTION 16

Your organization's security policy requires that all privileged users either use frequently rotated passwords or one-time access credentials in addition to username/password.

Which two of the following options would allow an organization to enforce this policy for AWS users? Choose 2 answers

- A. Configure multi-factor authentication for privileged IAM users
- B. Create IAM users for privileged accounts
- C. Implement identity federation between your organization's Identity provider leveraging the IAM Security Token Service
- D. Enable the IAM single-use password policy option for privileged users

Answer: AB

Explanation:

See also: <http://docs.aws.amazon.com/IAM/latest/UserGuide/best-practices.html>

Enable MFA for privileged users

For extra security, enable multifactor authentication (MFA) for privileged IAM users (users who are allowed access to sensitive resources or APIs). With MFA, users have a device that generates a unique authentication code (a one-time password, or OTP) and users must provide both their normal credentials (like their user name and password) and the OTP. The MFA device can either be a special piece of hardware, or it can be a virtual device (for example, it can run in an app on a smartphone).

NEW QUESTION 19

You receive a frantic call from a new DBA who accidentally dropped a table containing all your customers.

Which Amazon RDS feature will allow you to reliably restore your database to within 5 minutes of when the mistake was made?

- A. Multi-AZ RDS
- B. RDS snapshots
- C. RDS read replicas
- D. RDS automated backup

Answer: D

Explanation:

Reference:

<http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/Overview.BackingUpAndRestoringAmazonRDSInstances.html>

NEW QUESTION 24

You are running a web-application on AWS consisting of the following components an Elastic Load Balancer (ELB) an Auto-Scaling Group of EC2 instances running Linux/PHP/Apache, and Relational Database Service (RDS) MySQL.

Which security measures fall into AWS's responsibility?

- A. Protect the EC2 instances against unsolicited access by enforcing the principle of least-privilege access
- B. Protect against IP spoofing or packet sniffing
- C. Assure all communication between EC2 instances and ELB is encrypted
- D. Install latest security patches on EL
- E. RDS and EC2 instances

Answer: B

NEW QUESTION 28

You have a server with a 500GB Amazon EBS data volume. The volume is 80% full. You need to back up the volume at regular intervals and be able to re-create the volume in a new Availability Zone in the shortest time possible. All applications using the volume can be paused for a period of a few minutes with no discernible user impact.

Which of the following backup methods will best fulfill your requirements?

- A. Take periodic snapshots of the EBS volume
- B. Use a third party Incremental backup application to back up to Amazon Glacier
- C. Periodically back up all data to a single compressed archive and archive to Amazon S3 using a parallelized multi-part upload
- D. Create another EBS volume in the second Availability Zone attach it to the Amazon EC2 instance, and use a disk manager to mirror the two disks

Answer: A

Explanation:

Since an EBS volume should be in the same AZ as the EC2 instance. You cannot connect a EBS volume in another AZ.

<http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ebs-restoring-volume.html> EBS volumes can only be attached to EC2 instances within the same Availability Zone.

NEW QUESTION 32

Your company is moving towards tracking web page users with a small tracking image loaded on each page. Currently you are serving this image out of US-East, but are starting to get concerned about the time it takes to load the image for users on the west coast.

What are the two best ways to speed up serving this image? Choose 2 answers

- A. Use Route 53's Latency Based Routing and serve the image out of US-West-2 as well as US-East-1
- B. Serve the image out through CloudFront
- C. Serve the image out of S3 so that it isn't being served out of your web application tier
- D. Use EBS PIOPs to serve the image faster out of your EC2 instances

Answer: AB

Explanation:

CloudFront gets the image closer to the user and Route53 ensures the best connection based on network latency. Option D does not address the issue.

NEW QUESTION 36

A customer has a web application that uses cookie-based sessions to track logged-in users. It is deployed on AWS using ELB and Auto Scaling. The customer observes that when load increases, Auto Scaling launches new instances but the load on the existing instances does not decrease, causing all existing users to have a sluggish experience.

Which two answer choices independently describe a behavior that could be the cause of the sluggish user experience? Choose 2 answers

- A. ELB's normal behavior sends requests from the same user to the same backend instance
- B. ELB's behavior when sticky sessions are enabled causes ELB to send requests in the same session to the same backend instance
- C. A faulty browser is not honoring the TTL of the ELB DNS name.
- D. The web application uses long polling such as comet or websocket
- E. Thereby keeping a connection open to a web server for a long time
- F. The web application uses long polling such as comet or websocket
- G. Thereby keeping a connection open to a web server for a long time.

Answer: BD

NEW QUESTION 38

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

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.

NEW QUESTION 40

An organization has created 50 IAM users. The organization has introduced a new policy which will change the access of an IAM user. How can the organization implement this effectively so that there is no need to apply the policy at the individual user level?

- A. Use the IAM groups and add users as per their role to different groups and apply policy to group
- B. The user can create a policy and apply it to multiple users in a single go with the AWS CLI
- C. Add each user to the IAM role as per their organization role to achieve effective policy setup
- D. Use the IAM role and implement access at the role level

Answer: A

Explanation:

With AWS IAM, a group is a collection of IAM users. A group allows the user to specify permissions for a collection of users, which can make it easier to manage the permissions for those users. A group helps an organization manage access in a better way; instead of applying at the individual level, the organization can apply at the group level which is applicable to all the users who are a part of that group.

NEW QUESTION 41

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

F. Each AWS account needs to create an AWS billing policy to provide permission to the payee account

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.

NEW QUESTION 42

A user has created a web application with Auto Scaling. The user is regularly monitoring the application and he observed that the traffic is highest on Thursday and Friday between 8 AM to 6 PM. What is the best solution to handle scaling in this case?

- A. Add a new instance manually by 8 AM Thursday and terminate the same by 6 PM Friday
- B. Schedule Auto Scaling to scale up by 8 AM Thursday and scale down after 6 PM on Friday
- C. Schedule a policy which may scale up every day at 8 AM and scales down by 6 PM
- D. Configure a batch process to add a instance by 8 AM and remove it by Friday 6 PM

Answer: B

Explanation:

Auto Scaling based on a schedule allows the user to scale the application in response to predictable load changes. In this case the load increases by Thursday and decreases by Friday. Thus, the user can setup the scaling activity based on the predictable traffic patterns of the web application using Auto Scaling scale by Schedule.

<http://docs.aws.amazon.com/cli/latest/reference/opsworks/set-time-based-auto-scaling.html>

NEW QUESTION 43

A user is trying to setup a scheduled scaling activity using Auto Scaling. The user wants to setup the recurring schedule. Which of the below mentioned parameters is not required in this case?

- A. Maximum size
- B. Auto Scaling group name
- C. End time
- D. Recurrence value

Answer: A

Explanation:

Auto Scaling based on a schedule allows the user to scale the application in response to predictable load changes. The user can also configure the recurring schedule action which will follow the Linux cron format. If the user is setting a recurring event, it is required that the user specifies the Recurrence value (in a cron format., end time (not compulsory but recurrence will stop after this. and the Auto Scaling group for which the scaling activity is to be scheduled.

NEW QUESTION 45

A sysadmin has created the below mentioned policy and applied to an S3 object named aws.jpg. The aws.jpg is inside a bucket named cloudacademy. What does this policy define?

```
"Statement": [{  
  "Sid": "Stmt1388811069831",  
  "Effect": "Allow", "Principal": { "AWS": "*" },  
  "Action": [ "s3:GetObjectAcl", "s3:ListBucket", "s3:GetObject"], "Resource": [ "arn:aws:s3:::cloudacademy/*.jpg"]  
}]
```

- A. It is not possible to define a policy at the object level
- B. It will make all the objects of the bucket cloudacademy as public
- C. It will make the bucket cloudacademy as public
- D. the aws.jpg object as public

Answer: A

NEW QUESTION 50

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

Answer: B

Explanation:

http://docs.aws.amazon.com/AmazonCloudWatch/latest/DeveloperGuide/supported_services.html CloudWatch monitors the following services. As soon as you begin using a service, it automatically sends metrics to CloudWatch for you.

CloudWatch offers either basic or detailed monitoring for supported AWS products. Basic monitoring means that a service sends data points to CloudWatch every five minutes. Detailed monitoring means that a service sends data points to CloudWatch every minute.

Note

If you are using a service that supports both basic and detailed data collection (for example, Amazon EC2 and Auto Scaling), and you want to access detailed statistics, you must enable detailed metric collection for that service.

Auto Scaling

Auto Scaling sends data to CloudWatch every 5 minutes by default. For an additional charge, you can enable detailed monitoring for Auto Scaling, which sends data to CloudWatch every minute. You can create alarms using Auto Scaling Dimensions and Metrics. For more information, see Monitor Your Auto Scaling Instances in the Auto Scaling User Guide.

NEW QUESTION 53

A system admin is planning to setup event notifications on RDS. Which of the below mentioned services will help the admin setup notifications?

- A. AWS SES
- B. AWS Cloudtrail
- C. AWS Cloudwatch
- D. AWS SNS

Answer: D

Explanation:

Amazon RDS uses the Amazon Simple Notification Service to provide a notification when an Amazon RDS event occurs. These notifications can be in any notification form supported by Amazon SNS for an AWS region, such as an email, a text message or a call to an HTTP endpoint

NEW QUESTION 54

You are building an online store on AWS that uses SQS to process your customer orders. Your backend system needs those messages in the same sequence the customer orders have been put in. How can you achieve that?

- A. It is not possible to do this with SQS
- B. You can use sequencing information on each message
- C. You can do this with SQS but you also need to use SWF
- D. Messages will arrive in the same order by default

Answer: B

Explanation:

Amazon SQS is engineered to always be available and deliver messages. One of the resulting tradeoffs is that SQS does not guarantee first in, first out delivery of messages. For many distributed applications, each message can stand on its own, and as long as all messages are delivered, the order is not important. If your system requires that order be preserved, you can place sequencing information in each message, so that you can reorder the messages when the queue returns them.

NEW QUESTION 56

A user has created an ELB with three instances. How many security groups will ELB create by default?

- A. 3
- B. 5
- C. 2
- D. 1

Answer: C

Explanation:

Elastic Load Balancing provides a special Amazon EC2 source security group that the user can use to ensure that back-end EC2 instances receive traffic only from Elastic Load Balancing. This feature needs two security groups: the source security group and a security group that defines the ingress rules for the back-end instances. To ensure that traffic only flows between the load balancer and the back-end instances, the user can add or modify a rule to the back-end security group which can limit the ingress traffic. Thus, it can come only from the source security group provided by Elastic Load Balancing.

NEW QUESTION 57

A user has created a photo editing software and hosted it on EC2. The software accepts requests from the user about the photo format and resolution and sends a message to S3 to enhance the picture accordingly. Which of the below mentioned AWS services will help make a scalable software with the AWS infrastructure in this scenario?

- A. AWS Glacier
- B. AWS Elastic Transcoder
- C. AWS Simple Notification Service
- D. AWS Simple Queue Service

Answer: D

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. The user can configure SQS, which will decouple the call between the EC2 application and S3. Thus, the application does not keep waiting for S3 to provide the data.

NEW QUESTION 59

A user has created a VPC with CIDR 20.0.0.0/24. The user has created a public subnet with CIDR 20.0.0.0/25. The user is trying to create the private subnet with CIDR 20.0.0.128/25. Which of the below mentioned statements is true in this scenario?

- A. It will not allow the user to create the private subnet due to a CIDR overlap
- B. It will allow the user to create a private subnet with CIDR as 20.0.0.128/25
- C. This statement is wrong as AWS does not allow CIDR 20.0.0.0/25
- D. It will not allow the user to create a private subnet due to a wrong CIDR range

Answer:

B

Explanation:

When the user creates a subnet in VPC, he specifies the CIDR block for the subnet. The CIDR block of a subnet can be the same as the CIDR block for the VPC (for a single subnet in the VPC., or a subset (to enable multiple subnets. If the user creates more than one subnet in a VPC, the CIDR blocks of the subnets must not overlap. Thus, in this case the user has created a VPC with the CIDR block 20.0.0.0/24, which supports 256 IP addresses (20.0.0.0 to 20.0.0.255. The user can break this CIDR block into two subnets, each supporting 128 IP addresses. One subnet uses the CIDR block 20.0.0.0/25 (for addresses 20.0.0.0 - 20.0.0.127. and the other uses the CIDR block 20.0.0.128/25 (for addresses 20.0.0.128 - 20.0.0.255.

NEW QUESTION 62

A customer is using AWS for Dev and Test. The customer wants to setup the Dev environment with Cloudformation. Which of the below mentioned steps are not required while using Cloudformation?

- A. Create a stack
- B. Configure a service
- C. Create and upload the template
- D. Provide the parameters configured as part of the template

Answer: B

Explanation:

AWS Cloudformation is an application management tool which provides application modelling, deployment, configuration, management and related activities. AWS CloudFormation introduces two concepts: the template and the stack. The template is a JSON-format, text-based file that describes all the AWS resources required to deploy and run an application. The stack is a collection of AWS resources which are created and managed as a single unit when AWS CloudFormation instantiates a template. While creating a stack, the user uploads the template and provides the data for the parameters if required.

NEW QUESTION 65

A user has created a queue named ??myqueue?? with SQS. There are four messages published to queue which are not received by the consumer yet. If the user tries to delete the queue, what will happen?

- A. A user can never delete a queue manually
- B. AWS deletes it after 30 days of inactivity on queue
- C. It will delete the queue
- D. It will initiate the delete but wait for four days before deleting until all messages are deleted automatically.
- E. It will ask user to delete the messages first

Answer: B

Explanation:

SQS allows the user to move data between distributed components of applications so they can perform different tasks without losing messages or requiring each component to be always available. The user can delete a queue at any time, whether it is empty or not. It is important to note that queues retain messages for a set period of time. By default, a queue retains messages for four days.

NEW QUESTION 68

A user is launching an EC2 instance in the US East region. Which of the below mentioned options is recommended by AWS with respect to the selection of the availability zone?

- A. Always select the US-East-1-a zone for HA
- B. Do not select the AZ; instead let AWS select the AZ
- C. The user can never select the availability zone while launching an instance
- D. Always select the AZ while launching an instance

Answer: B

Explanation:

When launching an instance with EC2, AWS recommends not to select the availability zone (AZ. AWS specifies that the default Availability Zone should be accepted. This is because it enables AWS to select the best Availability Zone based on the system health and available capacity. If the user launches additional instances, only then an Availability Zone should be specified. This is to specify the same or different AZ from the running instances.

NEW QUESTION 73

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

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 center, the user can setup a case with a VPN only subnet (private. which uses VPN access to connect with his data center. When the user has configured this setup with Wizard, all network connections to the instances in the subnet will come from his data center. The user has to configure the security group of the private subnet which allows the inbound traffic on SSH (port 22. from the data center??s network range.

NEW QUESTION 78

A user has configured ELB with two EBS backed EC2 instances. The user is trying to understand the DNS access and IP support for ELB. Which of the below mentioned statements may not help the user understand the IP mechanism supported by ELB?

- A. The client can connect over IPV4 or IPV6 using Dualstack
- B. ELB DNS supports both IPV4 and IPV6
- C. Communication between the load balancer and back-end instances is always through IPV4
- D. The ELB supports either IPV4 or IPV6 but not both

Answer: D

Explanation:

Elastic Load Balancing supports both Internet Protocol version 6 (IPv6) and Internet Protocol version 4 (IPv4). Clients can connect to the user's load balancer using either IPv4 or IPv6 (in EC2-Classic DNS). However, communication between the load balancer and its back-end instances uses only IPv4. The user can use the Dualstack-prefixed DNS name to enable IPv6 support for communications between the client and the load balancers. Thus, the clients are able to access the load balancer using either IPv4 or IPv6 as their individual connectivity needs dictate.

NEW QUESTION 79

A user has setup Auto Scaling with ELB on the EC2 instances. The user wants to configure that whenever the CPU utilization is below 10%, Auto Scaling should remove one instance. How can the user configure this?

- A. The user can get an email using SNS when the CPU utilization is less than 10%. The user can use the desired capacity of Auto Scaling to remove the instance
- B. Use CloudWatch to monitor the data and Auto Scaling to remove the instances using scheduled actions
- C. Configure CloudWatch to send a notification to Auto Scaling Launch configuration when the CPU utilization is less than 10% and configure the Auto Scaling policy to remove the instance
- D. Configure CloudWatch to send a notification to the Auto Scaling group when the CPU Utilization is less than 10% and configure the Auto Scaling policy to remove the instance

Answer: D

Explanation:

Amazon CloudWatch alarms watch a single metric over a time period that 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 user can setup to receive a notification on the Auto Scaling group with the CloudWatch alarm when the CPU utilization is below a certain threshold. The user can configure the Auto Scaling policy to take action for removing the instance. When the CPU utilization is below 10% CloudWatch will send an alarm to the Auto Scaling group to execute the policy.

NEW QUESTION 80

A user is trying to configure the CloudWatch billing alarm. Which of the below mentioned steps should be performed by the user for the first time alarm creation in the AWS Account Management section?

- A. Enable Receiving Billing Reports
- B. Enable Receiving Billing Alerts
- C. Enable AWS billing utility
- D. Enable CloudWatch Billing Threshold

Answer: B

Explanation:

AWS CloudWatch supports enabling the billing alarm on the total AWS charges. Before the user can create an alarm on the estimated charges, he must enable monitoring of the estimated AWS charges, by selecting the option "Enable receiving billing alerts". It takes about 15 minutes before the user can view the billing data. The user can then create the alarms.

NEW QUESTION 85

An organization (Account ID 123412341234) has attached the below mentioned IAM policy to a user. What does this policy statement entitle the user to perform?

```
"Statement": [
{
  "Sid": "AllowUsersAllActionsForCredentials", "Effect": "Allow",
  "Action": [
    "iam:*AccessKey*",
  ],
  "Resource": ["arn:aws:iam:: 123412341234:user/${aws:username}"]
}]
```

- A. The policy allows the IAM user to modify all IAM user's credentials using the console, SDK, CLI or APIs
- B. The policy will give an invalid resource error
- C. The policy allows the IAM user to modify all credentials using only the console
- D. The policy allows the user to modify all IAM user's password, sign in certificates and access keys using only CLI, SDK or APIs

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. If the organization (Account ID 123412341234) wants some of their users to manage keys (access and secret access keys) of all IAM users, the organization should set the below mentioned policy which entitles the IAM user to modify keys of all IAM users with CLI, SDK or API.

```
"Statement": [
{
  "Sid": "AllowUsersAllActionsForCredentials", "Effect": "Allow",
  "Action": [ "iam:*AccessKey*",
  ],
  "Resource": ["arn:aws:iam:: 123412341234:user/${aws:username}"]
}]
```

```
}  
]
```

NEW QUESTION 87

A user has created a queue named ??myqueue?? in US-East region with AWS SQS. The user??s AWS account ID is 123456789012. If the user wants to perform some action on this queue, which of the below Queue URL should he use?

- A. <http://sqs.us-east-1.amazonaws.com/123456789012/myqueue>
- B. <http://sqs.amazonaws.com/123456789012/myqueue>
- C. <http://sq>
- D. 123456789012.us-east-1.amazonaws.com/myqueue
- E. [http:// 123456789012.sq](http://123456789012.sq)
- F. us-east-1.amazonaws.com/myqueue

Answer: A

Explanation:

When creating a new queue in SQS, the user must provide a queue name that is unique within the scope of all queues of user??s account. If the user creates queues using both the latest WSDL and a previous version, he will have a single namespace for all his queues. Amazon SQS assigns each queue created by user an identifier called a queue URL, which includes the queue name and other components that Amazon SQS determines. Whenever the user wants to perform an action on a queue, he must provide its queue URL. The queue URL for the account id 123456789012 & queue name ??myqueue?? in US-East-1 region will be [http:// sqs.us-east- 1.amazonaws.com/123456789012/myqueue](http://sqs.us-east-1.amazonaws.com/123456789012/myqueue).

NEW QUESTION 91

A user is trying to understand the ACL and policy for an S3 bucket. Which of the below mentioned policy permissions is equivalent to the WRITE ACL on a bucket?

- A. s3:GetObjectAcl
- B. s3:GetObjectVersion
- C. s3:ListBucketVersions
- D. s3:DeleteObject

Answer: D

Explanation:

Amazon S3 provides a set of operations to work with the Amazon S3 resources. Each AWS S3 bucket can have an ACL (Access Control List. or bucket policy associated with it. The WRITE ACL list allows the other AWS accounts to write/modify to that bucket. The equivalent S3 bucket policy permission for it is s3:DeleteObject.

NEW QUESTION 92

A user is planning to use AWS services for his web application. If the user is trying to set up his own billing management system for AWS, how can he configure it?

- A. Set up programmatic billing acces
- B. Download and parse the bill as per the requirement
- C. It is not possible for the user to create his own billing management service with AWS
- D. Enable the AWS CloudWatch alarm which will provide APIs to download the alarm data
- E. Use AWS billing APIs to download the usage report of each service from the AWS billing console

Answer: A

Explanation:

AWS provides an option to have programmatic access to billing. Programmatic Billing Access leverages the existing Amazon Simple Storage Service (Amazon S3. APIs. Thus, the user can build applications that reference his billing data from a CSV (comma-separated value. file stored in an Amazon S3 bucket. AWS will upload the bill to the bucket every few hours and the user can download the bill CSV from the bucket, parse itand create a billing system as per the requirement.

NEW QUESTION 96

A user has launched an EC2 instance from an instance store backed AMI. The infrastructure team wants to create an AMI from the running instance. Which of the below mentioned credentials is not required while creating the AMI?

- A. AWS account ID
- B. X.509 certificate and private key
- C. AWS login ID to login to the console
- D. Access key and secret access key

Answer: C

Explanation:

When the user has launched an EC2 instance from an instance store backed AMI and the admin team wants to create an AMI from it, the user needs to setup the AWS AMI or the API tools first. Once the tool is setup the user will need the following credentials:

AWS account ID;
AWS access and secret access key;
X.509 certificate with private key.

NEW QUESTION 101

A user has created a Cloudformation stack. The stack creates AWS services, such as EC2 instances, ELB, AutoScaling, and RDS. While creating the stack it created EC2, ELB and AutoScaling but failed to create RDS. What will Cloudformation do in this scenario?

- A. Cloudformation can never throw an error after launching a few services since it verifies all the steps before launching

- B. It will warn the user about the error and ask the user to manually create RDS
- C. Rollback all the changes and terminate all the created services
- D. It will wait for the user's input about the error and correct the mistake after the input

Answer: C

Explanation:

AWS Cloudformation is an application management tool which provides application modelling, deployment, configuration, management and related activities. The AWS Cloudformation stack is a collection of AWS resources which are created and managed as a single unit when AWS CloudFormation instantiates a template. If any of the services fails to launch, Cloudformation will rollback all the changes and terminate or delete all the created services.

NEW QUESTION 102

A user has created a VPC with public and private subnets using the VPC wizard. The user has not launched any instance manually and is trying to delete the VPC. What will happen in this scenario?

- A. It will not allow to delete the VPC as it has subnets with route tables
- B. It will not allow to delete the VPC since it has a running route instance
- C. It will terminate the VPC along with all the instances launched by the wizard
- D. It will not allow to delete the VPC since it has a running NAT instance

Answer: D

Explanation:

A Virtual Private Cloud (VPC) is a virtual network dedicated to the user's AWS account. A user can create a subnet with VPC and launch instances inside that subnet. If the user has created a public private subnet, the instances in the public subnet can receive inbound traffic directly from the Internet, whereas the instances in the private subnet cannot. If these subnets are created with Wizard, AWS will create a NAT instance with an elastic IP. If the user is trying to delete the VPC it will not allow as the NAT instance is still running.

NEW QUESTION 107

A user has created a subnet in VPC and launched an EC2 instance within it. The user has not selected the option to assign the IP address while launching the instance. The user has 3 elastic IPs and is trying to assign one of the Elastic IPs to the VPC instance from the console. The console does not show any instance in the IP assignment screen. What is a possible reason that the instance is unavailable in the assigned IP console?

- A. The IP address may be attached to one of the instances
- B. The IP address belongs to a different zone than the subnet zone
- C. The user has not created an internet gateway
- D. The IP addresses belong to EC2 Classic; so they cannot be assigned to VPC

Answer: D

Explanation:

A Virtual Private Cloud (VPC) is a virtual network dedicated to the user's AWS account. A user can create a subnet with VPC and launch instances inside that subnet. When the user is launching an instance he needs to select an option which attaches a public IP to the instance. If the user has not selected the option to attach the public IP then it will only have a private IP when launched. If the user wants to connect to an instance from the internet he should create an elastic IP with VPC. If the elastic IP is a part of EC2 Classic it cannot be assigned to a VPC instance.

NEW QUESTION 111

A user has created a VPC with the public subnet. The user has created a security group for that VPC. Which of the below mentioned statements is true when a security group is created?

- A. It can connect to the AWS services, such as S3 and RDS by default
- B. It will have all the inbound traffic by default
- C. It will have all the outbound traffic by default
- D. It will by default allow traffic to the internet gateway

Answer: C

Explanation:

A Virtual Private Cloud (VPC) is a virtual network dedicated to the user's AWS account. AWS provides two features the user can use to increase security in VPC: security groups and network ACLs. Security groups work at the instance level while ACLs work at the subnet level. When a user creates a security group with AWS VPC, by default it will allow all the outbound traffic but block all inbound traffic.

NEW QUESTION 113

A user is planning to set up the Multi AZ feature of RDS. Which of the below mentioned conditions won't take advantage of the Multi AZ feature?

- A. Availability zone outage
- B. A manual failover of the DB instance using Reboot with failover option
- C. Region outage
- D. When the user changes the DB instance's server type

Answer: C

Explanation:

Amazon RDS when enabled with Multi AZ will handle failovers automatically. Thus, the user can resume database operations as quickly as possible without administrative intervention. The primary DB instance switches over automatically to the standby replica if any of the following conditions occur:

An Availability Zone outage
The primary DB instance fails
The DB instance's server type is changed
The DB instance is undergoing software patching

A manual failover of the DB instance was initiated using Reboot with failover

NEW QUESTION 117

An organization has configured two single availability zones. The Auto Scaling groups are configured in separate zones. The user wants to merge the groups such that one group spans across multiple zones. How can the user configure this?

- A. Run the command `as-join-auto-scaling-group` to join the two groups
- B. Run the command `as-update-auto-scaling-group` to configure one group to span across zones and delete the other group
- C. Run the command `as-copy-auto-scaling-group` to join the two groups
- D. Run the command `as-merge-auto-scaling-group` to merge the groups

Answer: B

Explanation:

If the user has configured two separate single availability zone Auto Scaling groups and wants to merge them then he should update one of the groups and delete the other one. While updating the first group it is recommended that the user should increase the size of the minimum, maximum and desired capacity as a summation of both the groups.

NEW QUESTION 122

An AWS account wants to be part of the consolidated billing of his organization's payee account. How can the owner of that account achieve this?

- A. The payee account has to request AWS support to link the other accounts with his account
- B. The owner of the linked account should add the payee account to his master account list from the billing console
- C. The payee account will send a request to the linked account to be a part of consolidated billing
- D. The owner of the linked account requests the payee account to add his account to consolidated billing

Answer: C

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. To add a particular account (linked to the master (payee) account, the payee account has to request the linked account to join consolidated billing. Once the linked account accepts the request henceforth all charges incurred by the linked account will be paid by the payee account.

NEW QUESTION 126

A user is trying to connect to a running EC2 instance using SSH. However, the user gets a Host key not found error. Which of the below mentioned options is a possible reason for rejection?

- A. The user has provided the wrong user name for the OS login
- B. The instance CPU is heavily loaded
- C. The security group is not configured properly
- D. The access key to connect to the instance is wrong

Answer: A

Explanation:

If the user is trying to connect to a Linux EC2 instance and receives the Host Key not found error the probable reasons are:
The private key pair is not right
The user name to login is wrong

NEW QUESTION 127

A user has configured ELB with a TCP listener at ELB as well as on the back-end instances. The user wants to enable a proxy protocol to capture the source and destination IP information in the header. Which of the below mentioned statements helps the user understand a proxy protocol with TCP configuration?

- A. If the end user is requesting behind a proxy server then the user should not enable a proxy protocol on ELB
- B. ELB does not support a proxy protocol when it is listening on both the load balancer and the back-end instances
- C. Whether the end user is requesting from a proxy server or directly, it does not make a difference for the proxy protocol
- D. If the end user is requesting behind the proxy then the user should add the `isproxy` flag to the ELB Configuration

Answer: A

Explanation:

When the user has configured Transmission Control Protocol (TCP) or Secure Sockets Layer (SSL) for both front-end and back-end connections of the Elastic Load Balancer, the load balancer forwards the request to the back-end instances without modifying the request headers unless the proxy header is enabled. If the end user is requesting from a Proxy Protocol enabled proxy server, then the ELB admin should not enable the Proxy Protocol on the load balancer. If the Proxy Protocol is enabled on both the proxy server and the load balancer, the load balancer will add another header to the request which already has a header from the proxy server. This duplication may result in errors.

NEW QUESTION 129

A user has created a subnet in VPC and launched an EC2 instance within it. The user has not selected the option to assign the IP address while launching the instance. Which of the below mentioned statements is true with respect to this scenario?

- A. The instance will always have a public DNS attached to the instance by default
- B. The user can directly attach an elastic IP to the instance
- C. The instance will never launch if the public IP is not assigned
- D. The user would need to create an internet gateway and then attach an elastic IP to the instance to connect from internet

Answer: D

Explanation:

A Virtual Private Cloud (VPC) is a virtual network dedicated to the user's AWS account. A user can create a subnet with VPC and launch instances inside that subnet. When the user is launching an instance he needs to select an option which attaches a public IP to the instance. If the user has not selected the option to attach the public IP then it will only have a private IP when launched. The user cannot connect to the instance from the internet. If the user wants an elastic IP to connect to the instance from the internet he should create an internet gateway and assign an elastic IP to instance.

NEW QUESTION 131

George has shared an EC2 AMI created in the US East region from his AWS account with Stefano. George copies the same AMI to the US West region. Can Stefano access the copied AMI of George's account from the US West region?

- A. No, copy AMI does not copy the permission
- B. It is not possible to share the AMI with a specific account
- C. Yes, since copy AMI copies all private account sharing permissions
- D. Yes, since copy AMI copies all the permissions attached with the AMI

Answer: A

Explanation:

Within EC2, when the user copies an AMI, the new AMI is fully independent of the source AMI; there is no link to the original (source) AMI. AWS does not copy launch permissions, user-defined tags or the Amazon S3 bucket permissions from the source AMI to the new AMI. Thus, in this case by default Stefano will not have access to the AMI in the US West region.

NEW QUESTION 135

A user is trying to setup a security policy for ELB. The user wants ELB to meet the cipher supported by the client by configuring the server order preference in ELB security policy. Which of the below mentioned preconfigured policies supports this feature?

- A. ELBSecurity Policy-2014-01
- B. ELBSecurity Policy-2011-08
- C. ELBDefault Negotiation Policy
- D. ELBSample- OpenSSLDefault Cipher Policy

Answer: A

Explanation:

Elastic Load Balancing uses a Secure Socket Layer (SSL) negotiation configuration which is known as a Security Policy. It is used to negotiate the SSL connections between a client and the load balancer. If the load balancer is configured to support the Server Order Preference, then the load balancer gets to select the first cipher in its list that matches any one of the ciphers in the client's list. When the user verifies the preconfigured policies supported by ELB, the policy ??ELBSecurity Policy-2014-01?? supports server order preference.

NEW QUESTION 137

A user has created a VPC with the public and private subnets using the VPC wizard. The VPC has CIDR 20.0.0.0/16. The public subnet uses CIDR 20.0.1.0/24. The user is planning to host a web server in the public subnet (port 80) and a DB server in the private subnet (port 3306). The user is configuring a security group for the public subnet (WebSecGrp) and the private subnet (DBSecGrp). Which of the below mentioned entries is required in the private subnet database security group (DBSecGrp)?

- A. Allow Inbound on port 3306 for Source Web Server Security Group (WebSecGrp).
- B. Allow Inbound on port 3306 from source 20.0.0.0/16
- C. Allow Outbound on port 3306 for Destination Web Server Security Group (WebSecGrp).
- D. Allow Outbound on port 80 for Destination NAT Instance IP

Answer: A

Explanation:

A user can create a subnet with VPC and launch instances inside that subnet. If the user has created a public private subnet to host the web server and DB server respectively, the user should configure that the instances in the private subnet can receive inbound traffic from the public subnet on the DB port. Thus, configure port 3306 in Inbound with the source as the Web Server Security Group (WebSecGrp). The user should configure ports 80 and 443 for Destination 0.0.0.0/0 as the route table directs traffic to the NAT instance from the private subnet.

NEW QUESTION 141

A user has launched an RDS MySQL DB with the Multi AZ feature. The user has scheduled the scaling of instance storage during maintenance window. What is the correct order of events during maintenance window?

Perform maintenance on standby Promote standby to primary

Perform maintenance on original primary Promote original master back as primary

- A. 1, 2, 3, 4
- B. 1, 2, 3
- C. 2, 3, 1, 4

Answer: B

Explanation:

Running MySQL on the RDS DB instance as a Multi-AZ deployment can help the user reduce the impact of a maintenance event, as the Amazon will conduct maintenance by following the steps in the below mentioned order:

Perform maintenance on standby Promote standby to primary

Perform maintenance on original primary, which becomes the new standby.

NEW QUESTION 146

A sys admin is using server side encryption with AWS S3. Which of the below mentioned statements helps the user understand the S3 encryption functionality?

- A. The server side encryption with the user supplied key works when versioning is enabled
- B. The user can use the AWS console, SDK and APIs to encrypt or decrypt the content for server side encryption with the user supplied key
- C. The user must send an AES-128 encrypted key
- D. The user can upload his own encryption key to the S3 console

Answer: A

Explanation:

AWS S3 supports client side or server side encryption to encrypt all data at rest. The server side encryption can either have the S3 supplied AES-256 encryption key or the user can send the key along with each API call to supply his own encryption key. The encryption with the user supplied key (SSE-C. does not work with the AWS console. The S3 does not store the keys and the user has to send a key with each request. The SSE-C works when the user has enabled versioning.

NEW QUESTION 150

A user has created a VPC with public and private subnets using the VPC wizard. The VPC has CIDR 20.0.0.0/16. The private subnet uses CIDR 20.0.0.0/24 . The NAT instance ID is i-a12345. Which of the below mentioned entries are required in the main route table attached with the private subnet to allow instances to connect with the internet?

- A. Destination: 0.0.0.0/0 and Target: i-a12345
- B. Destination: 20.0.0.0/0 and Target: 80
- C. Destination: 20.0.0.0/0 and Target: i-a12345
- D. Destination: 20.0.0.0/24 and Target: i-a12345

Answer: A

Explanation:

A user can create a subnet with VPC and launch instances inside that subnet. If the user has created a public private subnet, the instances in the public subnet can receive inbound traffic directly from the Internet, whereas the instances in the private subnet cannot. If these subnets are created with Wizard, AWS will create two route tables and attach to the subnets. The main route table will have the entry ??Destination: 0.0.0.0/0 and Target: ia12345??, which allows all the instances in the private subnet to connect to the internet using NAT.

NEW QUESTION 152

A sys admin is planning to subscribe to the RDS event notifications. For which of the below mentioned source categories the subscription cannot be configured?

- A. DB security group
- B. DB snapshot
- C. DB options group
- D. DB parameter group

Answer: C

Explanation:

Amazon RDS uses the Amazon Simple Notification Service (SNS. to provide a notification when an Amazon RDS event occurs. These events can be configured for source categories, such as DB instance, DB security group, DB snapshot and DB parameter group.

NEW QUESTION 156

A user is trying to understand the detailed CloudWatch monitoring concept. Which of the below mentioned services does not provide detailed monitoring with CloudWatch?

- A. AWS EMR
- B. AWS RDS
- C. AWS ELB
- D. AWS Route53

Answer: A

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. Services, such as RDS, EC2, Auto Scaling, ELB, and Route 53 can provide the monitoring data every minute.

NEW QUESTION 161

A user is measuring the CPU utilization of a private data centre machine every minute. The machine provides the aggregate of data every hour, such as Sum of data??, ??Min value??, ??Max value, and ??Number of Data points??.

The user wants to send these values to CloudWatch. How can the user achieve this?

- A. Send the data using the put-metric-data command with the aggregate-values parameter
- B. Send the data using the put-metric-data command with the average-values parameter
- C. Send the data using the put-metric-data command with the statistic-values parameter
- D. Send the data using the put-metric-data command with the aggregate ?Vdata parameter

Answer: C

Explanation:

AWS CloudWatch supports the custom metrics. The user can always capture the custom data and upload the data to CloudWatch using CLI or APIs. The user can publish the data to CloudWatch as single data points or as an aggregated set of data points called a statistic set using the command put- metric-data. When sending the aggregate data, the user needs to send it with the parameter statistic-values:

```
awscloudwatch put-metric-data --metric-name <Name> --namespace <Custom namespace -- timestamp  
<UTC Format> --statistic-values Sum=XX,Minimum=YY,Maximum=AA,SampleCount=BB --unit Milliseconds
```

NEW QUESTION 162

A user has enabled detailed CloudWatch monitoring with the AWS Simple Notification Service. Which of the below mentioned statements helps the user understand detailed monitoring better?

- A. SNS will send data every minute after configuration
- B. There is no need to enable since SNS provides data every minute
- C. AWS CloudWatch does not support monitoring for SNS
- D. SNS cannot provide data every minute

Answer: D

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. The AWS SNS service sends data every 5 minutes. Thus, it supports only the basic monitoring. The user cannot enable detailed monitoring with SNS.

NEW QUESTION 165

A user is configuring the Multi AZ feature of an RDS DB. The user came to know that this RDS DB does not use the AWS technology, but uses server mirroring to achieve H

- A. Which DB is the user using right now?
- B. My SQL
- C. Oracle
- D. MS SQL
- E. PostgreSQL

Answer: C

Explanation:

Amazon RDS provides high availability and failover support for DB instances using Multi AZ deployments. In a Multi AZ deployment, Amazon RDS automatically provisions and maintains a synchronous standby replica in a different Availability Zone. Multi AZ deployments for Oracle, PostgreSQL, and MySQL DB instances use Amazon technology, while SQL Server (MS SQL. DB instances use SQL Server Mirroring.

NEW QUESTION 169

A user has created a VPC with CIDR 20.0.0.0/16. The user has created one subnet with CIDR 20.0.0.0/16 by mistake. The user is trying to create another subnet of CIDR 20.0.0.1/24. How can the user create the second subnet?

- A. There is no need to update the subnet as VPC automatically adjusts the CIDR of the first subnet based on the second subnet??s CIDR
- B. The user can modify the first subnet CIDR from the console
- C. It is not possible to create a second subnet as one subnet with the same CIDR as the VPC has been created
- D. The user can modify the first subnet CIDR with AWS CLI

Answer: D

Explanation:

A Virtual Private Cloud (VPC. is a virtual network dedicated to the user??s AWS account. A user can create a subnet with VPC and launch instances inside the subnet. The user can create a subnet with the same size of VPC. However, he cannot create any other subnet since the CIDR of the second subnet will conflict with the first subnet. The user cannot modify the CIDR of a subnet once it is created. Thus, in this case if required, the user has to delete the subnet and create new subnets.

NEW QUESTION 170

A user is trying to understand the CloudWatch metrics for the AWS services. It is required that the user should first understand the namespace for the AWS services. Which of the below mentioned is not a valid namespace for the AWS services?

- A. AWS/StorageGateway
- B. AWS/CloudTrail
- C. AWS/ElastiCache
- D. AWS/SWF

Answer: B

Explanation:

Amazon CloudWatch is basically a metrics repository. The AWS product puts metrics into this repository, and the user can retrieve the data or statistics based on those metrics. To distinguish the data for each service, the CloudWatch metric has a namespace. Namespaces are containers for metrics. All AWS services that provide the Amazon CloudWatch data use a namespace string, beginning with "AWS/". All the services which are supported by CloudWatch will have some namespace. CloudWatch does not monitor CloudTrail. Thus, the namespace ??AWS/CloudTrail?? is incorrect.

NEW QUESTION 171

A user is using the AWS SQS to decouple the services. Which of the below mentioned operations is not supported by SQS?

- A. SendMessageBatch
- B. DeleteMessageBatch
- C. CreateQueue
- D. DeleteMessageQueue

Answer: D

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. The user can perform the following set of operations using the Amazon SQS: CreateQueue, ListQueues, DeleteQueue, SendMessage, SendMessageBatch, ReceiveMessage, DeleteMessage, DeleteMessageBatch, ChangeMessageVisibility, ChangeMessageVisibilityBatch, SetQueueAttributes, GetQueueAttributes, GetQueueUrl, AddPermission and RemovePermission. Operations can be performed only by the AWS account owner or an AWS account that the account owner has delegated to.

NEW QUESTION 173

A user has configured ELB with SSL using a security policy for secure negotiation between the client and load balancer. Which of the below mentioned security policies is supported by ELB?

- A. Dynamic Security Policy
- B. All the other options
- C. Predefined Security Policy
- D. Default Security Policy

Answer: C

Explanation:

Elastic Load Balancing uses a Secure Socket Layer (SSL) negotiation configuration which is known as a Security Policy. It is used to negotiate the SSL connections between a client and the load balancer. ELB supports two policies: Predefined Security Policy, which comes with predefined cipher and SSL protocols; Custom Security Policy, which allows the user to configure a policy.

NEW QUESTION 174

An organization has configured Auto Scaling for hosting their application. The system admin wants to understand the Auto Scaling health check process. If the instance is unhealthy, Auto Scaling launches an instance and terminates the unhealthy instance. What is the order execution?

- A. Auto Scaling launches a new instance first and then terminates the unhealthy instance
- B. Auto Scaling performs the launch and terminate processes in a random order
- C. Auto Scaling launches and terminates the instances simultaneously
- D. Auto Scaling terminates the instance first and then launches a new instance

Answer: D

Explanation:

Auto Scaling keeps checking the health of the instances at regular intervals and marks the instance for replacement when it is unhealthy. The ReplaceUnhealthy process terminates instances which are marked as unhealthy and subsequently creates new instances to replace them. This process first terminates the instance and then launches a new instance.

NEW QUESTION 176

A storage admin wants to encrypt all the objects stored in S3 using server side encryption. The user does not want to use the AES 256 encryption key provided by S3. How can the user achieve this?

- A. The admin should upload his secret key to the AWS console and let S3 decrypt the objects
- B. The admin should use CLI or API to upload the encryption key to the S3 bucket
- C. When making a call to the S3 API mention the encryption key URL in each request
- D. S3 does not support client supplied encryption keys for server side encryption
- E. The admin should send the keys and encryption algorithm with each API call

Answer: D

Explanation:

AWS S3 supports client side or server side encryption to encrypt all data at rest. The server side encryption can either have the S3 supplied AES-256 encryption key or the user can send the key along with each API call to supply his own encryption key. Amazon S3 never stores the user's encryption key. The user has to supply it for each encryption or decryption call.

NEW QUESTION 180

A user is trying to create a PIOPS EBS volume with 8 GB size and 200 IOPS. Will AWS create the volume?

- A. Yes, since the ratio between EBS and IOPS is less than 30
- B. No, since the PIOPS and EBS size ratio is less than 30
- C. No, the EBS size is less than 10 GB
- D. Yes, since PIOPS is higher than 100

Answer: C

Explanation:

A provisioned IOPS EBS volume can range in size from 10 GB to 1 TB and the user can provision up to 4000 IOPS per volume. The ratio of IOPS provisioned to the volume size requested should be a maximum of 30; for example, a volume with 3000 IOPS must be at least 100 GB.

NEW QUESTION 182

An organization has launched 5 instances: 2 for production and 3 for testing. The organization wants that one particular group of IAM users should only access the test instances and not the production ones. How can the organization set that as a part of the policy?

- A. Launch the test and production instances in separate regions and allow region wise access to the group

- B. Define the IAM policy which allows access based on the instance ID
- C. Create an IAM policy with a condition which allows access to only small instances
- D. Define the tags on the test and production servers and add a condition to the IAM policy which allows access to specific tags

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 can add conditions as a part of the IAM policies. The condition can be set on AWS Tags, Time, and Client IP as well as on various parameters. If the organization wants the user to access only specific instances he should define proper tags and add to the IAM policy condition. The sample policy is shown below.

```
"Statement": [  
{  
  "Action": "ec2:*",  
  "Effect": "Allow",  
  "Resource": "*", "Condition": { "StringEquals": {  
    "ec2:ResourceTag/InstanceType": "Production"  
  }}  
}]
```

NEW QUESTION 186

An organization is trying to create various IAM users. Which of the below mentioned options is not a valid IAM username?

- A. John.cloud
- B. john@cloud
- C. John=cloud
- D. john#cloud

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. Whenever the organization is creating an IAM user, there should be a unique ID for each user. The names of users, groups, roles, instance profiles must be alphanumeric, including the following common characters: plus (+), equal (=), comma (,), period (.), at (@), and dash (-).

NEW QUESTION 188

A user wants to upload a complete folder to AWS S3 using the S3 Management console. How can the user perform this activity?

- A. Just drag and drop the folder using the flash tool provided by S3
- B. Use the Enable Enhanced Folder option from the S3 console while uploading objects
- C. The user cannot upload the whole folder in one go with the S3 management console
- D. Use the Enable Enhanced Uploader option from the S3 console while uploading objects

Answer: D

Explanation:

AWS S3 provides a console to upload objects to a bucket. The user can use the file upload screen to upload the whole folder in one go by clicking on the Enable Enhanced Uploader option. When the user uploads a folder, Amazon S3 uploads all the files and subfolders from the specified folder to the user's bucket. It then assigns a key value that is a combination of the uploaded file name and the folder name.

NEW QUESTION 193

A user has launched an EBS backed EC2 instance in the US-East-1a region. The user stopped the instance and started it back after 20 days. AWS throws up an `InsufficientInstanceCapacity` error. What can be the possible reason for this?

- A. AWS does not have sufficient capacity in that availability zone
- B. AWS zone mapping is changed for that user account
- C. There is some issue with the host capacity on which the instance is launched
- D. The user account has reached the maximum EC2 instance limit

Answer: A

Explanation:

When the user gets an `InsufficientInstanceCapacity` error while launching or starting an EC2 instance, it means that AWS does not currently have enough available capacity to service the user request. If the user is requesting a large number of instances, there might not be enough server capacity to host them. The user can either try again later, by specifying a smaller number of instances or changing the availability zone if launching a fresh instance.

NEW QUESTION 198

A user has created a VPC with public and private subnets using the VPC wizard. Which of the below mentioned statements is true in this scenario?

- A. The AWS VPC will automatically create a NAT instance with the micro size
- B. VPC bounds the main route table with a private subnet and a custom route table with a public subnet
- C. The user has to manually create a NAT instance
- D. VPC bounds the main route table with a public subnet and a custom route table with a private subnet

Answer: B

Explanation:

A Virtual Private Cloud (VPC) is a virtual network dedicated to the user's AWS account. A user can create a subnet with VPC and launch instances inside that subnet. If the user has created a public private subnet, the instances in the public subnet can receive inbound traffic directly from the internet, whereas the instances in the private subnet cannot. If these subnets are created with Wizard, AWS will create a NAT instance of a smaller or higher size, respectively. The VPC has an implied router and the VPC wizard updates the main route table used with the private subnet, creates a custom route table and associates it with the public subnet.

NEW QUESTION 202

A user has two EC2 instances running in two separate regions. The user is running an internal memory management tool, which captures the data and sends it to CloudWatch in US East, using a CLI with the same namespace and metric. Which of the below mentioned options is true with respect to the above statement?

- A. The setup will not work as CloudWatch cannot receive data across regions
- B. CloudWatch will receive and aggregate the data based on the namespace and metric
- C. CloudWatch will give an error since the data will conflict due to two sources
- D. CloudWatch will take the data of the server, which sends the data first

Answer: B

Explanation:

Amazon CloudWatch does not differentiate the source of a metric when receiving custom data. If the user is publishing a metric with the same namespace and dimensions from different sources, CloudWatch will treat them as a single metric. If the data is coming with the same timezone within a minute, CloudWatch will aggregate the data. It treats these as a single metric, allowing the user to get the statistics, such as minimum, maximum, average, and the sum of all across all servers.

NEW QUESTION 206

An organization is planning to create a user with IAM. They are trying to understand the limitations of IAM so that they can plan accordingly. Which of the below mentioned statements is not true with respect to the limitations of IAM?

- A. One IAM user can be a part of a maximum of 5 groups
- B. The organization can create 100 groups per AWS account
- C. One AWS account can have a maximum of 5000 IAM users
- D. One AWS account can have 250 roles

Answer: A

Explanation:

AWS Identity and Access Management is a web service which allows organizations to manage users and user permissions for various AWS services. The default maximums for each of the IAM entities is given below:

Groups per AWS account: 100 Users per AWS account: 5000 Roles per AWS account: 250

Number of groups per user: 10 (that is, one user can be part of these many groups).

NEW QUESTION 210

A user is planning to scale up an application by 8 AM and scale down by 7 PM daily using Auto Scaling. What should the user do in this case?

- A. Setup the scaling policy to scale up and down based on the CloudWatch alarms
- B. The user should increase the desired capacity at 8 AM and decrease it by 7 PM manually
- C. The user should setup a batch process which launches the EC2 instance at a specific time
- D. Setup scheduled actions to scale up or down at a specific time

Answer: A

Explanation:

Auto Scaling based on a schedule allows the user to scale the application in response to predictable load changes. To configure the Auto Scaling group to scale based on a schedule, the user needs to create scheduled actions. A scheduled action tells Auto Scaling to perform a scaling action at a certain time in the future.

NEW QUESTION 211

A user has created a VPC with two subnets: one public and one private. The user is planning to run the patch update for the instances in the private subnet. How can the instances in the private subnet connect to the internet?

- A. Use the internet gateway with a private IP
- B. Allow outbound traffic in the security group for port 80 to allow internet updates
- C. The private subnet can never connect to the internet
- D. Use NAT with an elastic IP

Answer: D

Explanation:

A Virtual Private Cloud (VPC) is a virtual network dedicated to the user's AWS account. A user can create a subnet with VPC and launch instances inside that subnet. If the user has created two subnets (one private and one public), he would need a Network Address Translation (NAT) instance with the elastic IP address. This enables the instances in the private subnet to send requests to the internet (for example, to perform software updates).

NEW QUESTION 216

A user has moved an object to Glacier using the life cycle rules. The user requests to restore the archive after 6 months. When the restore request is completed the user accesses that archive. Which of the below mentioned statements is not true in this condition?

- A. The archive will be available as an object for the duration specified by the user during the restoration request

- B. The restored object's storage class will be RRS
- C. The user can modify the restoration period only by issuing a new restore request with the updated period
- D. The user needs to pay storage for both RRS (restore
- E. and Glacier (Archiv
- F. Rates

Answer: B

Explanation:

AWS Glacier is an archival service offered by AWS. AWS S3 provides lifecycle rules to archive and restore objects from S3 to Glacier. Once the object is archived their storage class will change to Glacier. If the user sends a request for restore, the storage class will still be Glacier for the restored object. The user will be paying for both the archived copy as well as for the restored object. The object is available only for the duration specified in the restore request and if the user wants to modify that period, he has to raise another restore request with the updated duration.

NEW QUESTION 219

A user has enabled versioning on an S3 bucket. The user is using server side encryption for data at rest. If the user is supplying his own keys for encryption (SSE-C), what is recommended to the user for the purpose of security?

- A. The user should not use his own security key as it is not secure
- B. Configure S3 to rotate the user's encryption key at regular intervals
- C. Configure S3 to store the user's keys securely with SSL
- D. Keep rotating the encryption key manually at the client side

Answer: D

Explanation:

AWS S3 supports client side or server side encryption to encrypt all data at Rest. The server side encryption can either have the S3 supplied AES-256 encryption key or the user can send the key along with each API call to supply his own encryption key (SSE-C). Since S3 does not store the encryption keys in SSE-C, it is recommended that the user should manage keys securely and keep rotating them regularly at the client side version.

NEW QUESTION 223

A user has launched an EC2 Windows instance from an instance store backed AMI. The user wants to convert the AMI to an EBS backed AMI. How can the user convert it?

- A. Attach an EBS volume to the instance and unbundle all the AMI bundled data inside the EBS
- B. A Windows based instance store backed AMI cannot be converted to an EBS backed AMI
- C. It is not possible to convert an instance store backed AMI to an EBS backed AMI
- D. Attach an EBS volume and use the copy command to copy all the ephemeral content to the EBS Volume

Answer: B

Explanation:

Generally when a user has launched an EC2 instance from an instance store backed AMI, it can be converted to an EBS backed AMI provided the user has attached the EBS volume to the instance and unbundles the AMI data to it. However, if the instance is a Windows instance, AWS does not allow this. In this case, since the instance is a Windows instance, the user cannot convert it to an EBS backed AMI.

NEW QUESTION 225

A user has created a VPC with public and private subnets using the VPC Wizard. The VPC has CIDR 20.0.0.0/16. The private subnet uses CIDR 20.0.0.0/24. Which of the below mentioned entries are required in the main route table to allow the instances in VPC to communicate with each other?

- A. Destination : 20.0.0.0/24 and Target : VPC
- B. Destination : 20.0.0.0/16 and Target : ALL
- C. Destination : 20.0.0.0/0 and Target : ALL
- D. Destination : 20.0.0.0/24 and Target : Local

Answer: D

NEW QUESTION 229

A user has launched an EC2 instance and deployed a production application in it. The user wants to prohibit any mistakes from the production team to avoid accidental termination. How can the user achieve this?

- A. The user can set DisableApiTermination attribute to avoid accidental termination
- B. It is not possible to avoid accidental termination
- C. The user can set the Deletion termination flag to avoid accidental termination
- D. The user can set the InstanceInitiatedShutdownBehavior flag to avoid accidental termination

Answer: A

Explanation:

It is always possible that someone can terminate an EC2 instance using the Amazon EC2 console, command line interface or API by mistake. If the admin wants to prevent the instance from being accidentally terminated, he can enable termination protection for that instance. The DisableApiTermination attribute controls whether the instance can be terminated using the console, CLI or API. By default, termination protection is disabled for an EC2 instance. When it is set it will not allow the user to terminate the instance from CLI, API or the console.

NEW QUESTION 233

A user has created a launch configuration for Auto Scaling where CloudWatch detailed monitoring is disabled. The user wants to now enable detailed monitoring. How can the user achieve this?

- A. Update the Launch config with CLI to set InstanceMonitoringDisabled = false
- B. The user should change the Auto Scaling group from the AWS console to enable detailed monitoring
- C. Update the Launch config with CLI to set InstanceMonitoring.Enabled = true
- D. Create a new Launch Config with detail monitoring enabled and update the Auto Scaling group

Answer: D

Explanation:

CloudWatch is used to monitor AWS as well as the custom services. To enable detailed instance monitoring for a new Auto Scaling group, the user does not need to take any extra steps. When the user creates the AutoScaling launch config as the first step for creating an Auto Scaling group, each launch configuration contains a flag named InstanceMonitoring.Enabled. The default value of this flag is true. When the user has created a launch configuration with InstanceMonitoring.Enabled = false it will involve multiple steps to enable detail monitoring. The steps are:

Create a new Launch config with detailed monitoring enabled
Update the Auto Scaling group with a new launch config
Enable detail monitoring on each EC2 instance

NEW QUESTION 238

A user is trying to pre-warm a blank EBS volume attached to a Linux instance. Which of the below mentioned steps should be performed by the user?

- A. There is no need to pre-warm an EBS volume
- B. Contact AWS support to pre-warm
- C. Unmount the volume before pre-warming
- D. Format the device

Answer: C

Explanation:

When the user creates a new EBS volume or restores a volume from the snapshot, the back-end storage blocks are immediately allocated to the user EBS. However, the first time when the user is trying to access a block of the storage, it is recommended to either be wiped from the new volumes or instantiated from the snapshot (for restored volumes. before the user can access the block. This preliminary action takes time and can cause a 5 to 50 percent loss of IOPS for the volume when the block is accessed for the first time. To avoid this it is required to pre warm the volume. Pre-warming an EBS volume on a Linux instance requires that the user should unmount the blank device first and then write all the blocks on the device using a command, such as `dd`.

NEW QUESTION 243

A user has launched an EC2 instance from an instance store backed AMI. The user has attached an additional instance store volume to the instance. The user wants to create an AMI from the running instance. Will the AMI have the additional instance store volume data?

- A. Yes, the block device mapping will have information about the additional instance store volume
- B. No, since the instance store backed AMI can have only the root volume bundled
- C. It is not possible to attach an additional instance store volume to the existing instance store backed AMI instance
- D. No, since this is ephemeral storage it will not be a part of the AMI

Answer: A

Explanation:

When the user has launched an EC2 instance from an instance store backed AMI and added an instance store volume to the instance in addition to the root device volume, the block device mapping for the new AMI contains the information for these volumes as well. In addition, the block device mappings for the instances those are launched from the new AMI will automatically contain information for these volumes.

NEW QUESTION 244

Which services allow the customer to retain run administrative privileges or the underlying EC2 instances? Choose 2 answers

- A. AWS Elastic Beanstalk
- B. Amazon Elastic Map Reduce
- C. Elastic Load Balancing
- D. Amazon Relational Database Service
- E. Amazon Elasti Cache

Answer: AB

NEW QUESTION 247

How can you secure data at rest on an EBS volume?

- A. Encrypt the volume using the S3 server-side encryption service.
- B. Attach the volume to an instance using EC2's SSL interface.
- C. Create an IAM policy that restricts read and write access to the volume.
- D. Write the data randomly instead of sequentially.
- E. Use an encrypted file system on top of the EBS volume.

Answer: E

Explanation:

Reference:

http://docs.aws.amazon.com/IAM/latest/UserGuide/policies_examples.html

NEW QUESTION 248

You have a proprietary data store on-premises that must be backed up daily by dumping the data store contents to a single compressed 50GB file and sending the file to AWS. Your SLAs state that any dump file backed up within the past 7 days can be retrieved within 2 hours. Your compliance department has stated that all data must be held indefinitely. The time required to restore the data store from a backup is approximately 1 hour. Your on-premise network connection is capable of sustaining 1gbps to AWS.

Which backup methods to AWS would be most cost-effective while still meeting all of your requirements?

- A. Send the daily backup files to Glacier immediately after being generated
- B. Transfer the daily backup files to an EBS volume in AWS and take daily snapshots of the volume
- C. Transfer the daily backup files to S3 and use appropriate bucket lifecycle policies to send to Glacier
- D. Host the backup files on a Storage Gateway with Gateway-Cached Volumes and take daily snapshots

Answer: D

Explanation:

Reference:

<http://aws.amazon.com/storagegateway/faqs/>

NEW QUESTION 252

You run a web application with the following components Elastic Load Balancer (ELB), 3 Web/Application servers, 1 MySQL RDS database with read replicas, and Amazon Simple Storage Service (Amazon S3) for static content. Average response time for users is increasing slowly. What three CloudWatch RDS metrics will allow you to identify if the database is the bottleneck? Choose 3 answers

- A. The number of outstanding IOs waiting to access the disk.
- B. The amount of write latency.
- C. The amount of disk space occupied by binary logs on the master.
- D. The amount of time a Read Replica DB Instance lags behind the source DB Instance
- E. The average number of disk I/O operations per second.

Answer: ABE

NEW QUESTION 253

When you put objects in Amazon S3, what is the indication that an object was successfully stored?

- A. Each S3 account has a special bucket named_s3_log
- B. Success codes are written to this bucket with a timestamp and checksum.
- C. A success code is inserted into the S3 object metadata.
- D. A HTTP 200 result code and MD5 checksum, taken together, indicate that the operation was successful.
- E. Amazon S3 is engineered for 99.999999999% durability
- F. Therefore, there is no need to confirm that data was inserted.

Answer: C

Explanation:

To ensure that data is not corrupted traversing the network, use the Content-MD5 form field. When you use this form field, Amazon S3 checks the object against the provided MD5 value. If they do not match, Amazon S3 returns an error.

success_action_status

The status code returned to the client upon successful upload if success_action_redirect is not specified.

Accepts the values 200, 201, or 204 (default).

If the value is set to 200 or 204, Amazon S3 returns an empty document with a 200 or 204 status code.

If the value is set to 201, Amazon S3 returns an XML document with a 201 status code.

If the value is not set or if it is set to an invalid value, Amazon S3 returns an empty document with a 204 status code.

Type: String Default: None Note

Some versions of the Adobe Flash player do not properly handle HTTP responses with an empty body. To support uploads through Adobe Flash, we recommend setting success_action_status to 201.

Source: <http://docs.aws.amazon.com/AmazonS3/latest/API/RESTObjectPOST.html>

NEW QUESTION 255

How can software determine the public and private IP addresses of the Amazon EC2 instance that it is running on?

- A. Query the local instance metadata.
- B. Query the appropriate Amazon CloudWatch metric.
- C. Query the local instance userdata.
- D. Use ipconfig or ifconfig command.

Answer: B

NEW QUESTION 257

The compliance department within your multi-national organization requires that all data for your customers that reside in the European Union (EU) must not leave the EU and also data for customers that reside in the US must not leave the US without explicit authorization.

What must you do to comply with this requirement for a web based profile management application running on EC2?

- A. Run EC2 instances in multiple AWS Availability Zones in single Region and leverage an Elastic Load Balancer with session stickiness to route traffic to the appropriate zone to create their profile
- B. Run EC2 instances in multiple Regions and leverage Route 53's Latency Based Routing capabilities to route traffic to the appropriate region to create their profile
- C. Run EC2 instances in multiple Regions and leverage a third party data provider to determine if a user needs to be redirect to the appropriate region to create their profile
- D. Run EC2 instances in multiple AWS Availability Zones in a single Region and leverage a third party data provider to determine if a user needs to be redirect to the appropriate zone to create their profile

Answer: C

NEW QUESTION 260

In AWS, which security aspects are the customer's responsibility? Choose 4 answers

- A. Controlling physical access to compute resources
- B. Patch management on the EC2 instance's operating system
- C. Encryption of EBS (Elastic Block Storage) volumes
- D. Life-cycle management of IAM credentials
- E. Decommissioning storage devices
- F. Security Group and ACL (Access Control List) settings

Answer: BCDF

Explanation:

Decommissioning is AWS responsibility not Customer.

NEW QUESTION 261

An application you maintain consists of multiple EC2 instances in a default tenancy VPC. This application has undergone an internal audit and has been determined to require dedicated hardware for one instance. Your compliance team has given you a week to move this instance to single-tenant hardware. Which process will have minimal impact on your application while complying with this requirement?

- A. Create a new VPC with tenancy=dedicated and migrate to the new VPC
- B. Use ec2-reboot-instances command line and set the parameter "dedicated=true"
- C. Right click on the instance, select properties and check the box for dedicated tenancy
- D. Stop the instance, create an AMI, launch a new instance with tenancy=dedicated, and terminate the old instance

Answer: D

Explanation:

Reference:

See: <http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/dedicated-instance.html#dedicated-apichanges>

You cannot change the tenancy of a default instance after you've launched it. You can change the tenancy of an instance from dedicated to host after you've launched it, and vice versa.

NEW QUESTION 265

When using the following AWS services, which should be implemented in multiple Availability Zones for high availability solutions? Choose 2 answers

- A. Amazon DynamoDB
- B. Amazon Elastic Compute Cloud (EC2)
- C. Amazon Elastic Load Balancing
- D. Amazon Simple Notification Service (SNS)
- E. Amazon Simple Storage Service (S3)

Answer: BC

NEW QUESTION 270

Which of the following are true regarding encrypted Amazon Elastic Block Store (EBS) volumes? Choose 2 answers

- A. Supported on all Amazon EBS volume types
- B. Snapshots are automatically encrypted
- C. Available to all instance types
- D. Existing volumes can be encrypted
- E. shared volumes can be encrypted

Answer: AB

Explanation:

This feature is supported on all Amazon EBS volume types (General Purpose (SSD), Provisioned IOPS (SSD), and Magnetic). You can access encrypted Amazon EBS volumes the same way you access existing volumes; encryption and decryption are handled transparently and they require no additional action from you, your Amazon EC2 instance, or your application. Snapshots of encrypted Amazon EBS volumes are automatically encrypted, and volumes that are created from encrypted Amazon EBS snapshots are also automatically encrypted.

Reference: <http://docs.aws.amazon.com/kms/latest/developerguide/services-ebs.html>

NEW QUESTION 275

A Syslog Administrator is troubleshooting an Amazon EC2 server and discovers a bottleneck in reading and writing data to the attached Amazon EBS block storage volume. The instance is a larger and the EBS is io1 with 1,000 IOPS provisioned initially, the Administrator increase the provisioned IOPS to 2,000, but performance does not improve.

What should the Administrator do next?

- A. Change the instance type to a t2 large.
- B. Change the volume to gp2 and make it larger.
- C. Change the instance type to c4 xlarge.
- D. Change the volume to Amazon S3 and introduce random key prepending

Answer: D

NEW QUESTION 278

Based on the AWS Shared Responsibility Model, which of the following actions are the responsibility of the customer for an Aurora database?

- A. Performing underlying OS updates
- B. Provisioning of storage for database
- C. Scheduling maintenance, patches and other updates
- D. Executing maintenance, patches and other updates

Answer: B

NEW QUESTION 280

A SysOps Administrator is asked to create an Amazon VPC IPv4 subnet that will support a minimum of 30 network resources simultaneously. What is the minimum CIDR netmask that will sustain this requirement?

- A. /25
- B. /26
- C. /27
- D. /28

Answer: C

Explanation:**CIDR Available Hosts**

The formula to calculate the number of assignable IP address to CIDR networks is similar to classful networking. Subtract the number of network bits from 32. Raise 2 to that power and subtract 2 for the network and broadcast addresses. For example, a /24 network has $2^{32-24} - 2$ addresses available for host assignment.

CIDR Notation	Host Formula	Available Hosts
/8	$2^{32-8} - 2$	16,777,214
/9	$2^{32-9} - 2$	8,388,606
/10	$2^{32-10} - 2$	4,194,302
/11	$2^{32-11} - 2$	2,097,150
/12	$2^{32-12} - 2$	1,048,574
/13	$2^{32-13} - 2$	524,286
/14	$2^{32-14} - 2$	262,142
/15	$2^{32-15} - 2$	131,070
/16	$2^{32-16} - 2$	65,534
/17	$2^{32-17} - 2$	32,766
/18	$2^{32-18} - 2$	16,382
/19	$2^{32-19} - 2$	8,190
/20	$2^{32-20} - 2$	4,094
/21	$2^{32-21} - 2$	2,046
/22	$2^{32-22} - 2$	1,022
/23	$2^{32-23} - 2$	510
/24	$2^{32-24} - 2$	254
/25	$2^{32-25} - 2$	126
/26	$2^{32-26} - 2$	62
/27	$2^{32-27} - 2$	30
/28	$2^{32-28} - 2$	14
/29	$2^{32-29} - 2$	6
/30	$2^{32-30} - 2$	2

NEW QUESTION 284

A company must ensure that any objects upload to an bucket are encrypted. Which of the following actions will meet this requirement? (Select TWO.)

- A. Implement AWS Shield to protect against unencrypted objects stored in S3 buckets
- B. Implement Object access control list (ACL) to deny unencrypted objects from being uploaded to the S3 bucket.
- C. Implement Amazon S3 default encryption to make sure that any object being uploaded is encrypted before it is stored.
- D. Implement Amazon Inspector to inspect objects uploaded to the S3 I make sure that they are encrypted.
- E. Implement S3 bucket policies to deny unencrypted objects from being upload to the buckets.

Answer: BC

Explanation:

By default, all S3 buckets are private, and can only be accessed by users that have been explicitly granted access. Most use cases won't require broad-ranging public access to read files from your S3 buckets, unless you're using S3 to host public assets (for example, to host images for use on a public website), and it's best practice to never open access to the public. You can control access to your S3 resources by using a combination of bucket ACLs and IAM and bucket policies.

AWS also provides services that help you monitor and audit your security configurations, such as server access logging, Amazon CloudWatch Logs, AWS CloudTrail, and AWS Trusted Advisor.

NEW QUESTION 288

The Security team is concerned because the number of AWS identity and access Management (IAM) policies being in the environment is increasing. The team tasked a SysOps Administrator to report on the number of IAM policies in use and use the total IAM policies.

Which AWS service should the Administrator use to check how current IAM policy compares to current limits?

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

Answer: C

Explanation:

AWS Config is a service that enables you to assess, audit, and evaluate the configurations of your AWS resources. Config continuously monitors and records your AWS resource configurations and allows you to automate the evaluation of recorded configurations against desired configurations. With Config, you can review changes in configurations and relationships between AWS resources, dive into detailed resource configuration histories, and determine your overall compliance against the configurations specified in your internal guidelines. This enables you to simplify compliance auditing, security analysis, change management, and operational troubleshooting.

NEW QUESTION 289

An application stores data in an Amazon RDS database instance. Automated RDS snapshots are taken during specified backup windows every night. In addition, a SysOps Administrator takes monthly manual RDS snapshots. During a maintenance window, the RDS instance was accidentally deleted. How can the Administrator restore the RDS database instance?

- A. Restore the instance from the last available automated snapshot.
- B. Restore the instance from the last available manual snapshot.
- C. Restore the instance from the last full RDS snapshot and subsequent incremental snapshots
- D. Restore the instance from the RDS in the secondary Availability Zone

Answer: A

Explanation:

Creating a Final Snapshot and Retaining Automated Backups

When you delete a DB instance, you can choose whether to create a final snapshot of the DB instance. You can also choose to retain automated backups after the DB instance is deleted. To be able to restore the DB instance at a later time, create a final snapshot or retain automated backups.

How to To be able to restore To delete a DB instance quickly, Instead of creating a snapshot, you choose your deleted DB you can skip creating a final DB can choose to enable Retain

instance at a later snapshot. time, create a final DB Important automated backups when you delete a DB instance. These backups snapshot.

If you skip the snapshot, to are still subject to the retention restore your DB instance you period of the DB instance and age need one of the following:

out the same way systems

You have to use an earlier snapshots do. manual snapshot of the DB instance to restore the DB instance to that snapshot's point in time.

You have to choose to retain automated backups; you can use those to restore it to any point in time within your retention period.

Automated backups

Automated backups are retained for All automated backups All automated backups are a set period of time, regardless of are deleted and can't deleted and can't be whether you chose to create a final be recovered, unless recovered, unless you choose snapshot. They are retained for to retain automated backups you enable Retain automated backups.

when you delete the DB retention period that was set on the

DB instance at the time you deleted Manual instance.

Earlier manual Earlier manual snapshots it.

snapshots

snapshots aren't aren't deleted. No snapshots are deleted. deleted.

You can't create a final snapshot of your DB instance if it has the status creating, failed, incompatible- restore, or incompatible-network. For more information about DB instance statuses, see DB Instance Status.

NEW QUESTION 291

The Security team has decided that there will be no public internet access to HTTP (TCP port 80) because it is moving to HTTPS for all incoming web traffic. The team a SysOps Administrator to provide a report on any security groups that are not compliant.

What should the SysOps Administrator do to provide near real-time compliance reporting?

- A. Enable AWS Trusted Advisor and show the security team that the Security groups unrestricted access check will alarm
- B. Schedule an AWS Lambda function to run hourly to scan and evaluate all security groups and send a report to the Security team
- C. Use AWS Config to enable the restricted-common ports rule and add port 80 to the parameters
- D. Use Amazon Inspector to evaluate the security groups during scans and send the completed reports to the Security team

Answer: A

Explanation:

<https://aws.amazon.com/premiumsupport/trustedadvisor/best-practices/>

NEW QUESTION 293

A company is running an Oracle database engine that handles heavy online transaction processing (OLTP) structured data traffic.

How can a SysOps administrator ensure that the database has high availability?

- A. Use Amazon DynamoDB to store the data
- B. Use Amazon RDS Multi -AZ deployment to store the data
- C. Use Amazon RDS read replicas in a different region to store the data
- D. Use an Amazon Redshift cluster to store the data

Answer: B

NEW QUESTION 294

A SysOps Administrator has set up a new Application Load Balancer (ALB) in front of a pair of private web server in multiple Availability Zones. After deployment an updates CloudFormation template with many changes, user now goes to one web server only.

What is the MOST likely reason that the traffic is not being balanced between both servers?

- A. The faulty is returning HTTP 200 has been removed.

- B. Sticky session have been disabled in the ALB for the working sever.
- C. The ALB using a custom ping path that is not found on the faulty server.
- D. The web client are using HTTP/2, which is terminated at the ALB.

Answer: B

Explanation:

Until now, the behavior of load balancers has been to route each request independently to the Amazon EC2 instance with the least load. With the stickiness feature, you can configure the load balancer to bind user sessions to specific application instances. All requests coming from the user during the session will be sent to the same application instance. Elastic Load Balancing supports two mechanisms to provide session stickiness: load balancer-generated HTTP cookies, which allow browser-based session lifetimes, and application-generated HTTP cookies, which allow application-specific session lifetimes. You can learn more about this feature by visiting the ELB Developers Guide.

NEW QUESTION 299

A SysOps Administrator management a fleet of instance store-backed Amazon Linux EC2 instances. The SSH key used to access these instances has been lost. How can SSH access be restored?

- A. Contact AWS Support to retrieve a backup of the SSH key after authentication
- B. Create a new SSH key stop the EC2 instances apply the new key, and restart the EC2 instances
- C. Create a new SSH key and apply the new key to the running EC2 instances
- D. Launch a new fleet of EC2 instances with a newly created SSH key

Answer: A

Explanation:

Resolution

Warning: Do not perform this procedure if your EC2 instance is an instance store-backed instance. This recovery procedure requires a stop and start of your instance, which means that data on instance store volumes will be lost. For more information, see Determining the Root Device Type of Your Instance.

To recover access to your Linux instance using AWS Systems Manager (SSM) automation, run the AWSSupport-ResetAccess Automation automation document. For more information, see Reset Passwords and SSH Keys on Amazon EC2 Instances.

Or, to manually recover access to your Linux instance, create a new key pair to replace the lost key pair. For more information, see Connecting to Your Linux Instance If You Lose Your Private Key.

NEW QUESTION 300

A company has a new requirement stating that all resources in AWS must be tagged according to a set policy. Which AWS service should to enforce and continually identify all resources that are not in compliance with the policy?

- A. AWS CloudTrail
- B. Amazon Inspector
- C. AWS Config
- D. AWS Systems Manager

Answer: C

Explanation:

AWS Config

TRACK RESOURCE INVENTORY AND CHANGES

AWS Config is a service that enables you to assess, audit, and evaluate the configurations of your AWS resources. Config continuously monitors and records your AWS resource configurations and allows you to automate the evaluation of recorded configurations against desired configurations. With Config, you can review changes in configurations and relationships between AWS resources, dive into detailed resource configuration histories, and determine your overall compliance against the configurations specified in your internal guidelines. This enables you to simplify compliance auditing, security analysis, change management, and operational troubleshooting.

NEW QUESTION 302

An organization must reduce unexpected overages in spending, and a SysOps administrator has been asked to automate a report of the AWS environment. How can this be accomplished with MINIMAL effort?

- A. Set spending limits in AWS Trusted Advisor and enable weekly email reports.
- B. Set up an AWS Lambda function to send AWS Cost and Usage reports through email
- C. Use Amazon Inspector to alert if predefined spending threshold are exceeded.
- D. Configure a customer budget with email alert through API actions for AWS Budgets.

Answer: D

Explanation:

<https://docs.aws.amazon.com/sdk-for-go/api/service/budgets/>

NEW QUESTION 307

A System Administrator is trying to identify why Put Object calls are not made from an Amazon EC2 instance to an Amazon bucket in the same region. The instance is launched in a subnet with CIDR range 10.1.0.24 and 'Auto assign public IP' set to yes. The instance profile tied to this instance has AmazonS3Access policy. Security group rules for the instance:

Protocol	PortRange	Source
HTTP (80)	80	0.0.0.0/0
HTTPS (443)	443	0.0.0.0/0
Custom TCP	1024-65535	0.0.0.0/0

The route table for the subnet in which this instance is launched

Destination	Target
10.0.0.0/16	local

Based on the information provided what is causing the lack of access to S3 from the instance?

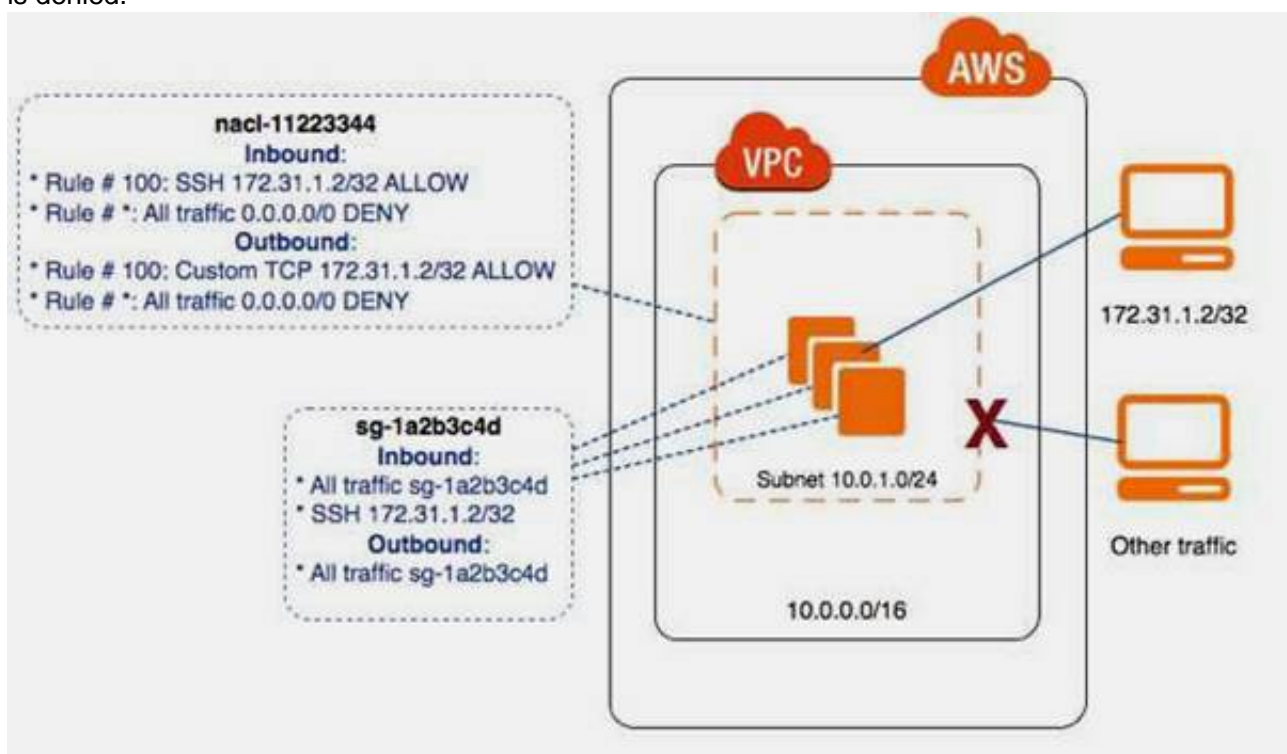
- A. The instance profile does not have explicit permissions to write objects to the S3 bucket.
- B. The route table does not have a rule for all traffic to pass through a NAT gateway.
- C. The route table does not have rule for all traffic to pass through an internet gateway

Answer: B

Explanation:

Controlling Access to Instances in a Subnet

In this example, instances in your subnet can communicate with each other, and are accessible from a trusted remote computer. The remote computer may be a computer in your local network or an instance in a different subnet or VPC that you use to connect to your instances to perform administrative tasks. Your security group rules and network ACL rules allow access from the IP address of your remote computer (172.31.1.2/32). All other traffic from the Internet or other networks is denied.



All instances use the same security group (sg-1a2b3c4d), with the following rules.

Protocol Protocol Port Source Comments

Type	Range			
All traffic	All	All	sg-1a2b3c4d	Enables instances associated with the same security group to communicate with each other.
TCP	SSH	22	172.31.1.2/32	Allows inbound SSH access from the remote computer. If the instance is a Windows computer, then this rule must use the RDP protocol for port 3389 instead.

Protocol Type	Protocol	Port Range	Destination	Comments
All traffic	All	All	sg-1a2b3c4d	Enables instances associated with the same security group to communicate with each other.

The subnet is associated with a network ACL that has the following rules.

Rule #	Type	Protocol	Port Range	Source	Allow/Deny	Comments
100	SSH	TCP	22	172.31.1.2/32	ALLOW	Allows inbound traffic from the remote computer. If the instance is a Windows computer, then this rule must use the RDP protocol for port 3389 instead.
*	All traffic	All	All	0.0.0.0/0	DENY	Denies all other inbound traffic that does not match the previous rule.

Rule #	Type	Protocol	Port Range	Destination	Allow/Deny	Comments
100	Custom TCP	TCP	1024-65535	172.31.1.2/32	ALLOW	Allows outbound responses to the remote computer. Network ACLs are stateless, therefore this rule is required to allow response traffic for inbound requests.
*	All traffic	All	All	0.0.0.0/0	DENY	Denies all other outbound traffic that does not match the previous rule.

This scenario gives you the flexibility to change the security groups or security group rules for your instances, and have the network ACL as the backup layer of defense. The network ACL rules apply to all instances in the subnet, so if you accidentally make your security group rules too permissive, the network ACL rules

continue to permit access only from the single IP address. For example, the following rules are more permissive than the earlier rules ?X they allow inbound SSH access from any IP address.

Type	Protocol	Port Range	Source	Comments
All traffic	All	All	sg-1a2b3c4d	Enables instances associated with the same security group to communicate with each other.
SSH	TCP	22	0.0.0.0/0	Allows SSH access from any IP address.

Type	Protocol	Port Range	Destination	Comments
All traffic	All	All	0.0.0.0/0	Allows all outbound traffic.

However, only other instances within the subnet and your remote computer are able to access this instance. The network ACL rules still prevent all inbound traffic to the subnet except from your remote computer.

NEW QUESTION 312

A SysOps Administrator must monitor a fleet of Amazon EC2 Linux instance with the constraint that no agent be installed. The SysOps administrator Chooses Amazon CloudWatch as the monitoring tool.

Which metrics can be measured given the constraints? (Select THREE.)

- A. CPU Utilization
- B. Disk Read Operations
- C. Memory Utilization
- D. Network Packets in
- E. Network Packets Dropped
- F. CPU Ready Time

Answer: ABD

Explanation:

https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/viewing_metrics_with_cloudwatch.html

NEW QUESTION 314

A company has a VoIP application deployed on AWS. The application is accessed by employees in a remote office and is extremely sensitive to any latency and packets loss. Minimize latency and packet loos is a higher priority than minimizing cost.

Employees are reporting occasional difficulties accessing the application. The Local Network Engineer has completed thorough troubleshooting on the LAN and unable to identify any signs of congestion or equipment failure that may be causing the issue.

What is the BEST way to address the connectivity issues between the remote office and the application?

- A. Configure a VPN connection to the VPC Route all traffic to the application via the VPN connection over the public internet
- B. Establish a Direct Connect to the VPC Route all traffic to the application via the direct connect connection
- C. Enable VPC peering to decrease latency between instances Enable QoS on peering connection
- D. Configure Amazon Trusted Advisor to give higher prioritization to the IP to assigned to the remote office over public internet traffic

Answer: C

Explanation:

<https://docs.aws.amazon.com/vpc/latest/peering/create-vpc-peering-connection.html>

NEW QUESTION 317

An Application team is using Remote Desktop to connect to its application server and perform administrative tasks. After deployment a Windows service a existing subnets, the team discovers that it is unable to communicate with the new servers. A SysOps Administrative has obtained the VPC logs as shown in the table) related to the communication to help troubleshooting the problem.

id	source	destination	protocol	port	start	end	action	log status
1	10.0.1.100	10.0.2.100	TCP	3389	1432917025	1432917142	ACCEPT	OK
2	10.0.2.100	10.0.1.100	TCP	3389	143291704	143291742	ACCEPT	OK

How can this issue be resolved?

- A. Check the route Tables to validate that the Remote Desktop and return traffic is allowed to and from the new servers.
- B. Check the security groups to validate that Remote Desktop is allowed into the new servers.
- C. Check the network access control lists to validate that the Remote Desktop and return traffic is allowed to and from the new servers.
- D. Ensures that the RDP service and Windows firewall are open and listening on Port 3389 TCP.

Answer: D

NEW QUESTION 319

A SysOps Administrator is developing a cost-effective solution assist the Finance department with batch processing Fiancé is flexible on the batch processing schedule. and as long as the batch process runs within the same week, schedule interrupted are acceptable.

Which compute strategy can the SysOps Administrator use to meet the requirement?

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

Answer: D

NEW QUESTION 324

.....

Thank You for Trying Our Product

* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

* One year free update

You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

We currently serve more than 30,000,000 customers.

* Shop Securely

All transactions are protected by VeriSign!

100% Pass Your SOA-C01 Exam with Our Prep Materials Via below:

<https://www.certleader.com/SOA-C01-dumps.html>