



Amazon-Web-Services

Exam Questions SCS-C01

AWS Certified Security- Specialty

NEW QUESTION 1

A company has a customer master key (CMK) with imported key materials. Company policy requires that all encryption keys must be rotated every year. What can be done to implement the above policy?

- A. Enable automatic key rotation annually for the CMK.
- B. Use AWS Command Line Interface to create an AWS Lambda function to rotate the existing CMK annually.
- C. Import new key material to the existing CMK and manually rotate the CMK.
- D. Create a new CMK, import new key material to it, and point the key alias to the new CMK.

Answer: D

NEW QUESTION 2

Your developer is using the KMS service and an assigned key in their Java program. They get the below error when running the code `arn:aws:iam::113745388712:user/UserB` is not authorized to perform: `kms:DescribeKey` Which of the following could help resolve the issue? Please select:

- A. Ensure that UserB is given the right IAM role to access the key
- B. Ensure that UserB is given the right permissions in the IAM policy
- C. Ensure that UserB is given the right permissions in the Key policy
- D. Ensure that UserB is given the right permissions in the Bucket policy

Answer: C

Explanation:

You need to ensure that UserB is given access via the Key policy for the Key `C:\Users\wk\Desktop\mudassar\Untitled.jpg`

Option is invalid because you don't assign roles to IAM users

For more information on Key policies please visit the below Link: <https://docs.aws.amazon.com/kms/latest/developerguide/key-poli>

The correct answer is: Ensure that UserB is given the right permissions in the Key policy

NEW QUESTION 3

A Development team has asked for help configuring the IAM roles and policies in a new AWS account. The team using the account expects to have hundreds of master keys and therefore does not want to manage access control for customer master keys (CMKs).

Which of the following will allow the team to manage AWS KMS permissions in IAM without the complexity of editing individual key policies?

- A. The account's CMK key policy must allow the account's IAM roles to perform KMS `EnableKey`.
- B. Newly created CMKs must have a key policy that allows the root principal to perform all actions.
- C. Newly created CMKs must allow the root principal to perform the `kms>CreateGrant` API operation.
- D. Newly created CMKs must mirror the IAM policy of the KMS key administrator.

Answer: C

NEW QUESTION 4

Which of the following is the correct sequence of how KMS manages the keys when used along with the Redshift cluster service? Please select:

- A. The master keys encrypts the cluster key
- B. The cluster key encrypts the database key
- C. The database key encrypts the data encryption keys.
- D. The master keys encrypts the database key
- E. The database key encrypts the data encryption keys.
- F. The master keys encrypts the data encryption key
- G. The data encryption keys encrypts the database key
- H. The master keys encrypts the cluster key, database key and data encryption keys

Answer: A

Explanation:

This is mentioned in the AWS Documentation

Amazon Redshift uses a four-tier, key-based architecture for encryption. The architecture consists of data encryption keys, a database key, a cluster key, and a master key.

Data encryption keys encrypt data blocks in the cluster. Each data block is assigned a randomly-generated AES-256 key. These keys are encrypted by using the database key for the cluster.

The database key encrypts data encryption keys in the cluster. The database key is a randomly-generated AES-256 key. It is stored on disk in a separate network from the Amazon Redshift cluster and passed to the cluster across a secure channel.

The cluster key encrypts the database key for the Amazon Redshift cluster.

Option B is incorrect because the master key encrypts the cluster key and not the database key

Option C is incorrect because the master key encrypts the cluster key and not the data encryption keys Option D is incorrect because the master key encrypts the cluster key only

For more information on how keys are used in Redshift, please visit the following URL: <https://docs.aws.amazon.com/kms/latest/developerguide/services-redshift.html>

The correct answer is: The master keys encrypts the cluster key. The cluster key encrypts the database key. The database key encrypts the data encryption keys. Submit your Feedback/Queries to our Experts

NEW QUESTION 5

Amazon CloudWatch Logs agent is successfully delivering logs to the CloudWatch Logs service. However, logs stop being delivered after the associated log stream has been active for a specific number of hours.

What steps are necessary to identify the cause of this phenomenon? (Choose two.)

- A. Ensure that file permissions for monitored files that allow the CloudWatch Logs agent to read the file have not been modified.
- B. Verify that the OS Log rotation rules are compatible with the configuration requirements for agent streaming.
- C. Configure an Amazon Kinesis producer to first put the logs into Amazon Kinesis Streams.
- D. Create a CloudWatch Logs metric to isolate a value that changes at least once during the period before logging stops.
- E. Use AWS CloudFormation to dynamically create and maintain the configuration file for the CloudWatch Logs agent.

Answer: AB

NEW QUESTION 6

Compliance requirements state that all communications between company on-premises hosts and EC2 instances be encrypted in transit. Hosts use custom proprietary protocols for their communication, and EC2 instances need to be fronted by a load balancer for increased availability. Which of the following solutions will meet these requirements?

- A. Offload SSL termination onto an SSL listener on a Classic Load Balancer, and use a TCP connection between the load balancer and the EC2 instances.
- B. Route all traffic through a TCP listener on a Classic Load Balancer, and terminate the TLS connection on the EC2 instances.
- C. Create an HTTPS listener using an Application Load Balancer, and route all of the communication through that load balancer.
- D. Offload SSL termination onto an SSL listener using an Application Load Balancer, and re-spawn and SSL connection between the load balancer and the EC2 instances.

Answer: B

NEW QUESTION 7

The Accounting department at Example Corp. has made a decision to hire a third-party firm, AnyCompany, to monitor Example Corp.'s AWS account to help optimize costs.

The Security Engineer for Example Corp. has been tasked with providing AnyCompany with access to the required Example Corp. AWS resources. The Engineer has created an IAM role and granted permission to AnyCompany's AWS account to assume this role.

When customers contact AnyCompany, they provide their role ARN for validation. The Engineer is concerned that one of AnyCompany's other customers might deduce Example Corp.'s role ARN and potentially compromise the company's account.

What steps should the Engineer perform to prevent this outcome?

- A. Create an IAM user and generate a set of long-term credential
- B. Provide the credentials to AnyCompany. Monitor access in IAM access advisor and plan to rotate credentials on a recurring basis.
- C. Request an external ID from AnyCompany and add a condition with sts:ExternalId to the role's trust policy.
- D. Require two-factor authentication by adding a condition to the role's trust policy with aws:MultiFactorAuthPresent.
- E. Request an IP range from AnyCompany and add a condition with aws:SourceIp to the role's trust policy.

Answer: B

NEW QUESTION 8

Your company is planning on AWS on hosting its AWS resources. There is a company policy which mandates that all security keys are completely managed within the company itself. Which of the following is the correct measure of following this policy?

Please select:

- A. Using the AWS KMS service for creation of the keys and the company managing the key lifecycle thereafter.
- B. Generating the key pairs for the EC2 Instances using puttygen
- C. Use the EC2 Key pairs that come with AWS
- D. Use S3 server-side encryption

Answer: B

Explanation:

y ensuring that you generate the key pairs for EC2 Instances, you will have complete control of the access keys.

Options A,C and D are invalid because all of these processes means that AWS has ownership of the keys. And the question specifically mentions that you need ownership of the keys

For information on security for Compute Resources, please visit the below URL: <https://d1.awsstatic.com/whitepapers/Security/Security Compute Services Whitepaper.pdf>

The correct answer is: Generating the key pairs for the EC2 Instances using puttygen Submit your Feedback/Queries to our Experts

NEW QUESTION 9

You have an EC2 instance with the following security configured:

- a: ICMP inbound allowed on Security Group
- b: ICMP outbound not configured on Security Group
- c: ICMP inbound allowed on Network ACL
- d: ICMP outbound denied on Network ACL

If Flow logs is enabled for the instance, which of the following flow records will be recorded? Choose 3 answers from the options give below

Please select:

- A. An ACCEPT record for the request based on the Security Group
- B. An ACCEPT record for the request based on the NACL
- C. A REJECT record for the response based on the Security Group
- D. A REJECT record for the response based on the NACL

Answer: ABD

Explanation:

This example is given in the AWS documentation as well

For example, you use the ping command from your home computer (IP address is 203.0.113.12) to your instance (the network interface's private IP address is

172.31.16.139). Your security group's inbound rules allow ICMP traffic and the outbound rules do not allow ICMP traffic however, because security groups are stateful, the response ping from your instance is allowed. Your network ACL permits inbound ICMP traffic but does not permit outbound ICMP traffic. Because network ACLs are stateless, the response ping is dropped and will not reach your home computer. In a flow log, this is displayed as 2 flow log records: An ACCEPT record for the originating ping that was allowed by both the network ACL and the security group, and therefore was allowed to reach your instance. A REJECT record for the response ping that the network ACL denied.

Option C is invalid because the REJECT record would not be present For more information on Flow Logs, please refer to the below URL:
<http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/flow-logs.html>

The correct answers are: An ACCEPT record for the request based on the Security Group, An ACCEPT record for the request based on the NACL, A REJECT record for the response based on the NACL

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NEW QUESTION 10

A company has external vendors that must deliver files to the company. These vendors have cross-account that gives them permission to upload objects to one of the company's S3 buckets.

What combination of steps must the vendor follow to successfully deliver a file to the company? Select 2 answers from the options given below

Please select:

- A. Attach an IAM role to the bucket that grants the bucket owner full permissions to the object
- B. Add a grant to the objects ACL giving full permissions to bucket owner.
- C. Encrypt the object with a KMS key controlled by the company.
- D. Add a bucket policy to the bucket that grants the bucket owner full permissions to the object
- E. Upload the file to the company's S3 bucket

Answer: BE

Explanation:

This scenario is given in the AWS Documentation

A bucket owner can enable other AWS accounts to upload objects. These objects are owned by the accounts that created them. The bucket owner does not own objects that were not created by the bucket owner. Therefore, for the bucket owner to grant access to these objects, the object owner must first grant permission to the bucket owner using an object ACL. The bucket owner can then delegate those permissions via a bucket policy. In this example, the bucket owner delegates permission to users in its own account.

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Option A and D are invalid because bucket ACL's are used to give grants to bucket Option C is not required since encryption is not part of the requirement For more information on this scenario please see the below Link:
<https://docs.aws.amazon.com/AmazonS3/latest/dev/example-walkthroughs-managing-access-example3.html> The correct answers are: Add a grant to the objects ACL giving full permissions to bucket owner., Upload the file to the company's S3 bucket

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NEW QUESTION 10

A company will store sensitive documents in three Amazon S3 buckets based on a data classification scheme of "Sensitive," "Confidential," and "Restricted." The security solution must meet all of the following requirements:

- Each object must be encrypted using a unique key.
- AWS KMS must automatically rotate encryption keys annually.

Which of the following meets these requirements?

- A. Create a Customer Master Key (CMK) for each data classification type, and enable the rotation of it annually
- B. For the "Restricted" CMK, define the MFA policy within the key policy
- C. Use S3 SSE-KMS to encrypt the objects.
- D. Create a CMK grant for each data classification type with EnableKeyRotation and MultiFactorAuthPresent set to true
- E. S3 can then use the grants to encrypt each object with a unique CMK.
- F. Create a CMK for each data classification type, and within the CMK policy, enable rotation of it annually, and define the MFA policy
- G. S3 can then create DEK grants to uniquely encrypt each object within the S3 bucket.
- H. Create a CMK with unique imported key material for each data classification type, and rotate them annually
- I. For the "Restricted" key material, define the MFA policy in the key policy
- J. Use S3 SSE-KMS to encrypt the objects.

Answer: A

NEW QUESTION 15

An application running on EC2 instances in a VPC must call an external web service via TLS (port 443). The instances run in public subnets.

Which configurations below allow the application to function and minimize the exposure of the instances? Select 2 answers from the options given below

Please select:

- A. A network ACL with a rule that allows outgoing traffic on port 443.
- B. A network ACL with rules that allow outgoing traffic on port 443 and incoming traffic on ephemeral ports
- C. A network ACL with rules that allow outgoing traffic on port 443 and incoming traffic on port 443.
- D. A security group with a rule that allows outgoing traffic on port 443
- E. A security group with rules that allow outgoing traffic on port 443 and incoming traffic on ephemeral ports.
- F. A security group with rules that allow outgoing traffic on port 443 and incoming traffic on port 443.

Answer: BD

Explanation:

Since here the traffic needs to flow outbound from the Instance to a web service on Port 443, the outbound rules on both the Network and Security Groups need to allow outbound traffic. The Incoming traffic should be allowed on ephemeral ports for the Operating System on the Instance to allow a connection to be established on any desired or available port.

Option A is invalid because this rule alone is not enough. You also need to ensure incoming traffic on ephemeral ports

Option C is invalid because need to ensure incoming traffic on ephemeral ports and not only port 443 Option E and F are invalid since here you are allowing

additional ports on Security groups which are not required

For more information on VPC Security Groups, please visit the below URL:

https://docs.aws.amazon.com/AmazonVPC/latest/UserGuideA/PC_SecurityGroups.html

The correct answers are: A network ACL with rules that allow outgoing traffic on port 443 and incoming traffic on ephemeral ports, A security group with a rule that allows outgoing traffic on port 443

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NEW QUESTION 19

A Security Engineer is implementing a solution to allow users to seamlessly encrypt Amazon S3 objects without having to touch the keys directly. The solution must be highly scalable without requiring continual management. Additionally, the organization must be able to immediately delete the encryption keys. Which solution meets these requirements?

- A. Use AWS KMS with AWS managed keys and the ScheduleKeyDeletion API with a PendingWindowInDays set to 0 to remove the keys if necessary.
- B. Use KMS with AWS imported key material and then use the DeleteImportedKeyMaterial API to remove the key material if necessary.
- C. Use AWS CloudHSM to store the keys and then use the CloudHSM API or the PKCS11 library to delete the keys if necessary.
- D. Use the Systems Manager Parameter Store to store the keys and then use the service API operations to delete the key if necessary.

Answer: C

NEW QUESTION 21

You are trying to use the Systems Manager to patch a set of EC2 systems. Some of the systems are not getting covered in the patching process. Which of the following can be used to troubleshoot the issue? Choose 3 answers from the options given below.

Please select:

- A. Check to see if the right role has been assigned to the EC2 instances
- B. Check to see if the 1AM user has the right permissions for EC2
- C. Ensure that agent is running on the instances.
- D. Check the Instance status by using the Health API.

Answer: ACD

Explanation:

For ensuring that the instances are configured properly you need to ensure the followi .

1) You installed the latest version of the SSM Agent on your instance

2) Your instance is configured with an AWS Identity and Access Management (IAM) role that enables the instance to communicate with the Systems Manager API

3) You can use the Amazon EC2 Health API to quickly determine the following information about Amazon EC2 instances The status of one or more instances

The last time the instance sent a heartbeat value The version of the SSM Agent

The operating system

The version of the EC2Config service (Windows) The status of the EC2Config service (Windows)

Option B is invalid because IAM users are not supposed to be directly granted permissions to EC2 Instances For more information on troubleshooting AWS SSM, please visit the following URL:

<https://docs.aws.amazon.com/systems-manager/latest/userguide/troubleshooting-remote-commands.html>

The correct answers are: Check to see if the right role has been assigned to the EC2 Instances, Ensure that agent is running on the Instances., Check the Instance status by using the Health API.

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NEW QUESTION 26

Your organization is preparing for a security assessment of your use of AWS. In preparation for this assessment, which three IAM best practices should you consider implementing?

Please select:

- A. Create individual IAM users
- B. Configure MFA on the root account and for privileged IAM users
- C. Assign IAM users and groups configured with policies granting least privilege access
- D. Ensure all users have been assigned and are frequently rotating a password, access ID/secret key, and X.509 certificate

Answer: ABC

Explanation:

When you go to the security dashboard, the security status will show the best practices for initiating the first level of security.

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Option D is invalid because as per the dashboard, this is not part of the security recommendation For more information on best security practices please visit the URL:

<https://aws.amazon.com/whitepapers/aws-security-best-practices>;

The correct answers are: Create individual IAM users, Configure MFA on the root account and for privileged IAM users. Assign IAM users and groups configured with policies granting least privilege access

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NEW QUESTION 30

A customer has an instance hosted in the AWS Public Cloud. The VPC and subnet used to host the Instance have been created with the default settings for the Network Access Control Lists. They need to provide an IT Administrator secure access to the underlying instance. How can this be accomplished.

Please select:

- A. Ensure the Network Access Control Lists allow Inbound SSH traffic from the IT Administrator's Workstation
- B. Ensure the Network Access Control Lists allow Outbound SSH traffic from the IT Administrator's Workstation
- C. Ensure that the security group allows Inbound SSH traffic from the IT Administrator's Workstation
- D. Ensure that the security group allows Outbound SSH traffic from the IT Administrator's Workstation

Answer: C

Explanation:

Options A & B are invalid as default NACL rule will allow all inbound and outbound traffic.

The requirement is that the IT administrator should be able to access this EC2 instance from his workstation. For that we need to enable the Security Group of EC2 instance to allow traffic from the IT administrator's workstation. Hence option C is correct.

Option D is incorrect as we need to enable the Inbound SSH traffic on the EC2 instance Security Group since the traffic originate' , from the IT admin's workstation. The correct answer is: Ensure that the security group allows Inbound SSH traffic from the IT Administrator's Workstation Submit your Feedback/Queries to our Experts

NEW QUESTION 33

A company plans to move most of its IT infrastructure to AWS. The company wants to leverage its existing on-premises Active Directory as an identity provider for AWS.

Which steps should be taken to authenticate to AWS services using the company's on-premises Active Directory? (Choose three).

- A. Create IAM roles with permissions corresponding to each Active Directory group.
- B. Create IAM groups with permissions corresponding to each Active Directory group.
- C. Create a SAML provider with IAM.
- D. Create a SAML provider with Amazon Cloud Directory.
- E. Configure AWS as a trusted relying party for the Active Directory
- F. Configure IAM as a trusted relying party for Amazon Cloud Directory.

Answer: ACE

NEW QUESTION 34

An enterprise wants to use a third-party SaaS application. The SaaS application needs to have access to issue several API commands to discover Amazon EC2 resources running within the enterprise's account. The enterprise has internal security policies that require any outside access to their environment must conform to the principles of least privilege and there must be controls in place to ensure that the credentials used by the SaaS vendor cannot be used by any other third party. Which of the following would meet all of these conditions?

Please select:

- A. From the AWS Management Console, navigate to the Security Credentials page and retrieve the access and secret key for your account.
- B. Create an IAM user within the enterprise account assign a user policy to the IAM user that allows only the actions required by the SaaS applicatio
- C. Create a new access and secret key for the user and provide these credentials to the SaaS provider.
- D. Create an IAM role for cross-account access allows the SaaS provider's account to assume the role and assign it a policy that allows only the actions required by the SaaS application.
- E. Create an IAM role for EC2 instances, assign it a policy that allows only the actions required for the SaaS application to work, provide the role ARN to the SaaS provider to use when launching their application instances.

Answer: C

Explanation:

The below diagram from an AWS blog shows how access is given to other accounts for the services in your own account

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Options A and B are invalid because you should not use IAM users or IAM Access keys Options D is invalid because you need to create a role for cross account access

For more information on Allowing access to external accounts, please visit the below URL:

<https://aws.amazon.com/blogs/apn/how-to-best-architect-your-aws-marketplace-saas-subscription-across-multip> The correct answer is: Create an IAM role for cross-account access allows the SaaS provider's account to assume the role and assign it a policy that allows only the actions required by the SaaS application. Submit your Feedback/Queries to our Experts

NEW QUESTION 37

An application has a requirement to be resilient across not only Availability Zones within the application's primary region but also be available within another region altogether.

Which of the following supports this requirement for AWS resources that are encrypted by AWS KMS?

- A. Copy the application's AWS KMS CMK from the source region to the target region so that it can be used to decrypt the resource after it is copied to the target region.
- B. Configure AWS KMS to automatically synchronize the CMK between regions so that it can be used to decrypt the resource in the target region.
- C. Use AWS services that replicate data across regions, and re-wrap the data encryption key created in the source region by using the CMK in the target region so that the target region's CMK can decrypt the database encryption key.
- D. Configure the target region's AWS service to communicate with the source region's AWS KMS so that it can decrypt the resource in the target region.

Answer: C

NEW QUESTION 41

A company has two AWS accounts, each containing one VPC. The first VPC has a VPN connection with its corporate network. The second VPC, without a VPN, hosts an Amazon Aurora database cluster in private subnets. Developers manage the Aurora database from a bastion host in a public subnet as shown in the image.

A security review has flagged this architecture as vulnerable, and a Security Engineer has been asked to make this design more secure. The company has a short deadline and a second VPN connection to the Aurora account is not possible.

How can a Security Engineer securely set up the bastion host?

- A. Move the bastion host to the VPC with VPN connectivit
- B. Create a VPC peering relationship between the bastion host VPC and Aurora VPC.
- C. Create a SSH port forwarding tunnel on the Developer's workstation to the bastion host to ensure that only authorized SSH clients can access the bastion host.
- D. Move the bastion host to the VPC with VPN connectivit

- E. Create a cross-account trust relationship between the bastion VPC and Aurora VPC, and update the Aurora security group for the relationship.
- F. Create an AWS Direct Connect connection between the corporate network and the Aurora account, and adjust the Aurora security group for this connection.

Answer: C

NEW QUESTION 45

An IAM user with full EC2 permissions could not start an Amazon EC2 instance after it was stopped for a maintenance task. Upon starting the instance, the instance state would change to "Pending", but after a few seconds, it would switch back to "Stopped".

An inspection revealed that the instance has attached Amazon EBS volumes that were encrypted by using a Customer Master Key (CMK). When these encrypted volumes were detached, the IAM user was able to start the EC2 instances.

The IAM user policy is as follows:

What additional items need to be added to the IAM user policy? (Choose two.)

- A. kms:GenerateDataKey
- B. kms:Decrypt
- C. kms:CreateGrant
- D. "Condition": {"Bool": {"kms:ViaService": "ec2.us-west-2.amazonaws.com"}}
- E. "Condition": {"Bool": {"kms:GrantIsForAWSResource": true}}

Answer: CE

NEW QUESTION 50

Your company has a set of EC2 Instances defined in AWS. They need to ensure that all traffic packets are monitored and inspected for any security threats. How can this be achieved? Choose 2 answers from the options given below

Please select:

- A. Use a host based intrusion detection system
- B. Use a third party firewall installed on a central EC2 instance
- C. Use VPC Flow logs
- D. Use Network Access control lists logging

Answer: AB

Explanation:

If you want to inspect the packets themselves, then you need to use custom based software. A diagram representation of this is given in the AWS Security best practices C:\Users\wk\Desktop\mudassar\Untitled.jpg

Option C is invalid because VPC Flow logs cannot conduct packet inspection.

For more information on AWS Security best practices, please refer to below URL:

The correct answers are: Use a host based intrusion detection system. Use a third party firewall installed on a central EC2

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NEW QUESTION 51

You need to establish a secure backup and archiving solution for your company, using AWS. Documents should be immediately accessible for three months and available for five years for compliance reasons. Which AWS service fulfills these requirements in the most cost-effective way? Choose the correct answer

Please select:

- A. Upload data to S3 and use lifecycle policies to move the data into Glacier for long-term archiving.
- B. Upload the data on EBS, use lifecycle policies to move EBS snapshots into S3 and later into Glacier for long-term archiving.
- C. Use Direct Connect to upload data to S3 and use IAM policies to move the data into Glacier for long-term archiving.
- D. Use Storage Gateway to store data to S3 and use lifecycle policies to move the data into Redshift for long-term archiving.

Answer: A

Explanation:

Amazon Glacier is a secure, durable, and extremely low-cost cloud storage service for data archiving and long-term backup. Customers can reliably store large or small amounts of data for as little as \$0.004 per gigabyte per month, a significant savings compared to on-premises solutions.

With Amazon lifecycle policies you can create transition actions in which you define when objects transition to another Amazon S3 storage class. For example, you may choose to transition objects to the STANDARD_IA (IA, for infrequent access) storage class 30 days after creation, or archive objects to the GLACIER storage class one year after creation.

Option B is invalid because lifecycle policies are not available for EBS volumes. Option C is invalid because IAM policies cannot be used to move data to Glacier.

Option D is invalid because lifecycle policies are not used to move data to Redshift. For more information on S3 lifecycle policies, please visit the URL:

<http://docs.aws.amazon.com/AmazonS3/latest/dev/object-lifecycle-mgmt.html>

The correct answer is: Upload data to S3 and use lifecycle policies to move the data into Glacier for long-term archiving.

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NEW QUESTION 56

Which of the following minimizes the potential attack surface for applications?

- A. Use security groups to provide stateful firewalls for Amazon EC2 instances at the hypervisor level.

- B. Use network ACLs to provide stateful firewalls at the VPC level to prevent access to any specific AWS resource.
- C. Use AWS Direct Connect for secure trusted connections between EC2 instances within private subnets.
- D. Design network security in a single layer within the perimeter network (also known as DMZ, demilitarized zone, and screened subnet) to facilitate quicker responses to threats.

Answer: A

NEW QUESTION 61

A Security Engineer launches two Amazon EC2 instances in the same Amazon VPC but in separate Availability Zones. Each instance has a public IP address and is able to connect to external hosts on the internet. The two instances are able to communicate with each other by using their private IP addresses, but they are not able to communicate with each other when using their public IP addresses.

Which action should the Security Engineer take to allow communication over the public IP addresses?

- A. Associate the instances to the same security groups.
- B. Add 0.0.0.0/0 to the egress rules of the instance security groups.
- C. Add the instance IDs to the ingress rules of the instance security groups.
- D. Add the public IP addresses to the ingress rules of the instance security groups.

Answer: D

NEW QUESTION 63

A company wants to use Cloudtrail for logging all API activity. They want to segregate the logging of data events and management events. How can this be achieved? Choose 2 answers from the options given below

Please select:

- A. Create one Cloudtrail log group for data events
- B. Create one trail that logs data events to an S3 bucket
- C. Create another trail that logs management events to another S3 bucket
- D. Create another Cloudtrail log group for management events

Answer: BC

Explanation:

The AWS Documentation mentions the following

You can configure multiple trails differently so that the trails process and log only the events that you specify. For example, one trail can log read-only data and management events, so that all read-only events are delivered to one S3 bucket. Another trail can log only write-only data and management events, so that all write-only events are delivered to a separate S3 bucket

Options A and D are invalid because you have to create a trail and not a log group

For more information on managing events with cloudtrail, please visit the following URL: <https://docs.aws.amazon.com/awscloudtrail/latest/userguide/loHEing-manasement-and-data-events-with-cloudtr> The correct answers are: Create one trail that logs data events to an S3 bucket. Create another trail that logs management events to another S3 bucket

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NEW QUESTION 66

You are responsible to deploying a critical application onto AWS. Part of the requirements for this application is to ensure that the controls set for this application met PCI compliance. Also there is a need to monitor web application logs to identify any malicious activity. Which of the following services can be used to fulfil this requirement. Choose 2 answers from the options given below

Please select:

- A. Amazon Cloudwatch Logs
- B. Amazon VPC Flow Logs
- C. Amazon AWS Config
- D. Amazon Cloudtrail

Answer: AD

Explanation:

The AWS Documentation mentions the following about these services

AWS CloudTrail is a service that enables governance, compliance, operational auditing, and risk auditing of your AWS account. With CloudTrail, you can log, continuously monitor, and retain account activity related to actions across your AWS infrastructure. CloudTrail provides event history of your AWS account activity, including actions taken through the AWS Management Console, AWS SDKs, command line tools, and other AWS services. This event history simplifies security analysis, resource change tracking, and troubleshooting.

Option B is incorrect because VPC flow logs can only check for flow to instances in a VPC Option C is incorrect because this can check for configuration changes only

For more information on Cloudtrail, please refer to below URL: <https://aws.amazon.com/cloudtrail>;

You can use Amazon CloudWatch Logs to monitor, store, and access your log files from Amazon Elastic Compute Cloud (Amazon EC2) instances, AWS CloudTrail, Amazon Route 53, and other sources. You can then retrieve the associated log data from CloudWatch Logs.

For more information on Cloudwatch logs, please refer to below URL: <http://docs.aws.amazon.com/AmazonCloudWatch/latest/loes/WhatIsCloudWatchLoES.html>

The correct answers are: Amazon Cloudwatch Logs, Amazon Cloudtrail

NEW QUESTION 67

While securing the connection between a company's VPC and its on-premises data center, a Security Engineer sent a ping command from an on-premises host (IP address 203.0.113.12) to an Amazon EC2 instance (IP address 172.31.16.139). The ping command did not return a response. The flow log in the VPC showed the following:

```
2 123456789010 eni-1235b8ca 203.0.113.12 172.31.16.139 0 0 1 4 336 1432917027 1432917142 ACCEPT OK
```

```
2 123456789010 eni-1235b8ca 172.31.16.139 203.0.113.12 0 0 1 4 336 1432917094 1432917142 REJECT OK
```

What action should be performed to allow the ping to work?

- A. In the security group of the EC2 instance, allow inbound ICMP traffic.

- B. In the security group of the EC2 instance, allow outbound ICMP traffic.
- C. In the VPC's NACL, allow inbound ICMP traffic.
- D. In the VPC's NACL, allow outbound ICMP traffic.

Answer: B

NEW QUESTION 72

A Software Engineer wrote a customized reporting service that will run on a fleet of Amazon EC2 instances. The company security policy states that application logs for the reporting service must be centrally collected. What is the MOST efficient way to meet these requirements?

- A. Write an AWS Lambda function that logs into the EC2 instance to pull the application logs from the EC2 instance and persists them into an Amazon S3 bucket.
- B. Enable AWS CloudTrail logging for the AWS account, create a new Amazon S3 bucket, and then configure Amazon CloudWatch Logs to receive the application logs from CloudTrail.
- C. Create a simple cron job on the EC2 instances that synchronizes the application logs to an Amazon S3 bucket by using rsync.
- D. Install the Amazon CloudWatch Logs Agent on the EC2 instances, and configure it to send the application logs to CloudWatch Logs.

Answer: D

NEW QUESTION 73

Your company has just started using AWS and created an AWS account. They are aware of the potential issues when root access is enabled. How can they best safeguard the account when it comes to root access? Choose 2 answers from the options given below. Please select:

- A. Delete the root access account
- B. Create an Admin IAM user with the necessary permissions
- C. Change the password for the root account.
- D. Delete the root access keys

Answer: BD

Explanation:

The AWS Documentation mentions the following

All AWS accounts have root user credentials (that is, the credentials of the account owner). These credentials allow full access to all resources in the account.

Because you can't restrict permissions for root user credentials, we recommend that you delete your root user access keys. Then create AWS Identity and Access Management (IAM) user credentials for everyday interaction with AWS.

Option A is incorrect since you cannot delete the root access account

Option C is partially correct but cannot be used as the ideal solution for safeguarding the account. For more information on root access vs admin IAM users, please refer to below URL: <https://docs.aws.amazon.com/eeneral/latest/en/root-vs-iam.html>

The correct answers are: Create an Admin IAM user with the necessary permissions. Delete the root access keys. Submit your Feedback/Queries to our Experts

NEW QUESTION 78

A company has contracted with a third party to audit several AWS accounts. To enable the audit, cross-account IAM roles have been created in each account targeted for audit. The Auditor is having trouble accessing some of the accounts. Which of the following may be causing this problem? (Choose three.)

- A. The external ID used by the Auditor is missing or incorrect.
- B. The Auditor is using the incorrect password.
- C. The Auditor has not been granted sts:AssumeRole for the role in the destination account.
- D. The Amazon EC2 role used by the Auditor must be set to the destination account role.
- E. The secret key used by the Auditor is missing or incorrect.
- F. The role ARN used by the Auditor is missing or incorrect.

Answer: ACF

NEW QUESTION 80

A Security Engineer for a large company is managing a data processing application used by 1,500 subsidiary companies. The parent and subsidiary companies all use AWS. The application uses TCP port 443 and runs on Amazon EC2 behind a Network Load Balancer (NLB). For compliance reasons, the application should only be accessible to the subsidiaries and should not be available on the public internet. To meet the compliance requirements for restricted access, the Engineer has received the public and private CIDR block ranges for each subsidiary.

What solution should the Engineer use to implement the appropriate access restrictions for the application?

- A. Create a NACL to allow access on TCP port 443 from the 1,500 subsidiary CIDR block ranges. Associate the NACL to both the NLB and EC2 instances.
- B. Create an AWS security group to allow access on TCP port 443 from the 1,500 subsidiary CIDR block range.
- C. Associate the security group to the NLB.
- D. Create a second security group for EC2 instances with access on TCP port 443 from the NLB security group.
- E. Create an AWS PrivateLink endpoint service in the parent company account attached to the NLB.
- F. Create an AWS security group for the instances to allow access on TCP port 443 from the AWS PrivateLink endpoint.
- G. Use AWS PrivateLink interface endpoints in the 1,500 subsidiary AWS accounts to connect to the data processing application.
- H. Create an AWS security group to allow access on TCP port 443 from the 1,500 subsidiary CIDR block range.
- I. Associate the security group with EC2 instances.

Answer: C

NEW QUESTION 83

A company is using a Redshift cluster to store their data warehouse. There is a requirement from the Internal IT Security team to ensure that data gets encrypted for the Redshift database. How can this be achieved?

Please select:

- A. Encrypt the EBS volumes of the underlying EC2 Instances
- B. Use AWS KMS Customer Default master key
- C. Use SSL/TLS for encrypting the data
- D. Use S3 Encryption

Answer: B

Explanation:

The AWS Documentation mentions the following

Amazon Redshift uses a hierarchy of encryption keys to encrypt the database. You can use either AWS Key Management Service (AWS KMS) or a hardware security module (HSM) to manage the top-level encryption keys in this hierarchy. The process that Amazon Redshift uses for encryption differs depending on how you manage keys.

Option A is invalid because it's the cluster that needs to be encrypted

Option C is invalid because this encrypts objects in transit and not objects at rest. Option D is invalid because this is used only for objects in S3 buckets

For more information on Redshift encryption, please visit the following URL: <https://docs.aws.amazon.com/redshift/latest/mgmt/work-with-db-encryption.html>

The correct answer is: Use AWS KMS Customer Default master key. Submit your Feedback/Queries to our Experts

NEW QUESTION 84

You are hosting a web site via website hosting on an S3 bucket - <http://demo.s3-website-us-east-1.amazonaws.com>. You have some web pages that use Javascript that access resources in another bucket which has website hosting also enabled. But when users access the web pages, they are getting a blocked Javascript error. How can you rectify this?

Please select:

- A. Enable CORS for the bucket
- B. Enable versioning for the bucket
- C. Enable MFA for the bucket
- D. Enable CRR for the bucket

Answer: A

Explanation:

Your answer is incorrect. Answer-A

Such a scenario is also given in the AWS Documentation Cross-Origin Resource Sharing: Use-case Scenarios. The following are example scenarios for using CORS:

• Scenario

1: Suppose that you are hosting a website in an Amazon S3 bucket named website as described in Hosting a Static Website on Amazon S3. Your users load the website endpoint [http://website.s3-website-us-east-1](http://website.s3-website-us-east-1.amazonaws.com)

.amazonaws.com. Now you want to use JavaScript on the webpages that are stored in this bucket to be able to make authenticated GET and PUT requests against the same bucket by using the Amazon S3 API endpoint for the bucket website.s3.amazonaws.com. A browser would normally block JavaScript from allowing those requests, but with CORS you can configure your bucket to explicitly enable cross-origin requests from website.s3-website-us-east-1.amazonaws.com.

• Scenario 2: Suppose that you want to host a web font from your S3 bucket. Again, browsers require a CORS check (also called a preflight check) for loading web fonts. You would configure the bucket that is hosting the web font to allow any origin to make these requests.

Option B is invalid because versioning is only to create multiple versions of an object and can help in accidental deletion of objects

Option C is invalid because this is used as an extra measure of caution for deletion of objects. Option D is invalid because this is used for Cross region replication of objects

For more information on Cross Origin Resource sharing, please visit the following URL

• <https://docs.aws.amazon.com/AmazonS3/latest/dev/cors.html>. The correct answer is: Enable CORS for the bucket

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NEW QUESTION 88

The Security Engineer for a mobile game has to implement a method to authenticate users so that they can save their progress. Because most of the users are part of the same OpenID-Connect compatible social media website, the Security Engineer would like to use that as the identity provider.

Which solution is the SIMPLEST way to allow the authentication of users using their social media identities?

- A. Amazon Cognito
- B. AssumeRoleWithWebIdentity API
- C. Amazon Cloud Directory
- D. Active Directory (AD) Connector

Answer: B

NEW QUESTION 92

A company wishes to enable Single Sign On (SSO) so its employees can login to the management console using their corporate directory identity. Which steps below are required as part of the process? Select 2 answers from the options given below.

Please select:

- A. Create a Direct Connect connection between on-premise network and AWS
- B. Use an AD connector for connecting AWS with on-premise active directory.
- C. Create IAM policies that can be mapped to group memberships in the corporate directory.
- D. Create a Lambda function to assign IAM roles to the temporary security tokens provided to the users.
- E. Create IAM users that can be mapped to the employees' corporate identities
- F. Create an IAM role that establishes a trust relationship between IAM and the corporate directory identity provider (IdP)

Answer: AE

Explanation:

Create a Direct Connect connection so that corporate users can access the AWS account

Option B is incorrect because IAM policies are not directly mapped to group memberships in the corporate directory. It is IAM roles which are mapped.

Option C is incorrect because Lambda functions is an incorrect option to assign roles.

Option D is incorrect because 1AM users are not directly mapped to employees' corporate identities. For more information on Direct Connect, please refer to below URL:

' <https://aws.amazon.com/directconnect/>

From the AWS Documentation, for federated access, you also need to ensure the right policy permissions are in place

Configure permissions in AWS for your federated users

The next step is to create an 1AM role that establishes a trust relationship between 1AM and your organization's IdP that identifies your IdP as a principal (trusted entity) for purposes of federation. The role also defines what users authenticated your organization's IdP are allowed to do in AWS. You can use the 1AM console to create this role. When you create the trust policy that indicates who can assume the role, you specify the SAML provider that you created earlier in 1AM along with one or more SAML attributes that a user must match to be allowed to assume the role. For example, you can specify that only users whose SAML eduPersonOrgDN value is ExampleOrg are allowed to sign in. The role wizard automatically adds a condition to test the saml:aud attribute to make sure that the role is assumed only for sign-in to the AWS Management Console. The trust policy for the role might look like this:

C:\Users\wk\Desktop\mudassar\Untitled.jpg

For more information on SAML federation, please refer to below URL: https://docs.aws.amazon.com/IAM/latest/UserGuide/id_roles_providers_enable Note:

What directories can I use with AWS SSO?

You can connect AWS SSO to Microsoft Active Directory, running either on-premises or in the AWS Cloud. AWS SSO supports AWS Directory Service for Microsoft Active Directory, also known as AWS Managed Microsoft AD, and AD Connector. AWS SSO does not support Simple AD. See AWS Directory Service Getting Started to learn more.

To connect to your on-premises directory with AD Connector, you need the following: VPC

Set up a VPC with the following:

- At least two subnets. Each of the subnets must be in a different Availability Zone.
- The VPC must be connected to your on-premises network through a virtual private network (VPN) connection or AWS Direct Connect.
- The VPC must have default hardware tenancy.
- <https://aws.amazon.com/single-sign-on/>
- <https://aws.amazon.com/single-sign-on/faqs/>
- <https://aws.amazon.com/blog/using-corporate-credentials/>
- <https://docs.aws.amazon.com/directoryservice/latest/admin->

The correct answers are: Create a Direct Connect connection between on-premise network and AWS. Use an AD connector connecting AWS with on-premise active directory.. Create an 1AM role that establishes a trust relationship between 1AM and corporate directory identity provider (IdP)

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NEW QUESTION 94

A threat assessment has identified a risk whereby an internal employee could exfiltrate sensitive data from production host running inside AWS (Account 1). The threat was documented as follows:

Threat description: A malicious actor could upload sensitive data from Server X by configuring credentials for an AWS account (Account 2) they control and uploading data to an Amazon S3 bucket within their control.

Server X has outbound internet access configured via a proxy server. Legitimate access to S3 is required so that the application can upload encrypted files to an S3 bucket. Server X is currently using an IAM instance role. The proxy server is not able to inspect any of the server communication due to TLS encryption.

Which of the following options will mitigate the threat? (Choose two.)

- A. Bypass the proxy and use an S3 VPC endpoint with a policy that whitelists only certain S3 buckets within Account 1.
- B. Block outbound access to public S3 endpoints on the proxy server.
- C. Configure Network ACLs on Server X to deny access to S3 endpoints.
- D. Modify the S3 bucket policy for the legitimate bucket to allow access only from the public IP addresses associated with the application server.
- E. Remove the IAM instance role from the application server and save API access keys in a trusted and encrypted application config file.

Answer: AD

NEW QUESTION 97

There is a requirement for a company to transfer large amounts of data between AWS and an on-premise location. There is an additional requirement for low latency and high consistency traffic to AWS. Given these requirements how would you design a hybrid architecture? Choose the correct answer from the options below

Please select:

- A. Provision a Direct Connect connection to an AWS region using a Direct Connect partner.
- B. Create a VPN tunnel for private connectivity, which increases network consistency and reduces latency.
- C. Create an iPSec tunnel for private connectivity, which increases network consistency and reduces latency.
- D. Create a VPC peering connection between AWS and the Customer gateway.

Answer: A

Explanation:

AWS Direct Connect makes it easy to establish a dedicated network connection from your premises to AWS. Using AWS Direct Connect you can establish private connectivity between AWS and your datacenter, office, or colocation environment which in many cases can reduce your network costs, increase bandwidth throughput and provide a more consistent network experience than Internet-based connections.

Options B and C are invalid because these options will not reduce network latency Options D is invalid because this is only used to connect 2 VPC's

For more information on AWS direct connect, just browse to the below URL: <https://aws.amazon.com/directconnect>

The correct answer is: Provision a Direct Connect connection to an AWS region using a Direct Connect partner. omit your Feedback/Queries to our Experts

NEW QUESTION 101

You have been given a new brief from your supervisor for a client who needs a web application set up on AWS. The a most important requirement is that MySQL must be used as the database, and this database must not be hosted in t« public cloud, but rather at the client's data center due to security risks. Which of the following solutions would be the ^ best to assure that the client's requirements are met? Choose the correct answer from the options below

Please select:

- A. Build the application server on a public subnet and the database at the client's data centre
- B. Connect them with a VPN connection which uses IPsec.
- C. Use the public subnet for the application server and use RDS with a storage gateway to access and synchronize the data securely from the local data center.
- D. Build the application server on a public subnet and the database on a private subnet with a NAT instance between them.
- E. Build the application server on a public subnet and build the database in a private subnet with a secure ssh connection to the private subnet from the client's data center.

Answer: A

Explanation:

Since the database should not be hosted on the cloud all other options are invalid. The best option is to create a VPN connection for securing traffic as shown below. C:\Users\wk\Desktop\mudassar\Untitled.jpg

Option B is invalid because this is the incorrect use of the Storage gateway Option C is invalid since this is the incorrect use of the NAT instance Option D is invalid since this is an incorrect configuration For more information on VPN connections, please visit the below URL

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

The correct answer is: Build the application server on a public subnet and the database at the client's data center. Connect them with a VPN connection which uses IPsec

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NEW QUESTION 105

You have a requirement to serve up private content using the keys available with Cloudfront. How can this be achieved?

Please select:

- A. Add the keys to the backend distribution.
- B. Add the keys to the S3 bucket
- C. Create pre-signed URL's
- D. Use AWS Access keys

Answer: C

Explanation:

Option A and B are invalid because you will not add keys to either the backend distribution or the S3 bucket. Option D is invalid because this is used for programmatic access to AWS resources

You can use Cloudfront key pairs to create a trusted pre-signed URL which can be distributed to users Specifying the AWS Accounts That Can Create Signed URLs and Signed Cookies (Trusted Signers) Topics

- Creating CloudFront Key Pairs for Your Trusted Signers
- Reformatting the CloudFront Private Key (.NET and Java Only)
- Adding Trusted Signers to Your Distribution
- Verifying that Trusted Signers Are Active (Optional) 1 Rotating CloudFront Key Pairs

To create signed URLs or signed cookies, you need at least one AWS account that has an active CloudFront key pair. This account is known as a trusted signer. The trusted signer has two purposes:

- As soon as you add the AWS account ID for your trusted signer to your distribution, CloudFront starts to require that users use signed URLs or signed cookies to access your objects.

' When you create signed URLs or signed cookies, you use the private key from the trusted signer's key pair to sign a portion of the URL or the cookie. When someone requests a restricted object CloudFront compares the signed portion of the URL or cookie with the unsigned portion to verify that the URL or cookie hasn't been tampered with. CloudFront also verifies that the URL or cookie is valid, meaning, for example, that the expiration date and time hasn't passed.

For more information on Cloudfront private trusted content please visit the following URL:

- <https://docs.aws.amazon.com/AmazonCloudFront/latest/DeveloperGuide/private-content-trusted-s> The correct answer is: Create pre-signed URL's Submit your Feedback/Queries to our Experts

NEW QUESTION 108

An organization has setup multiple IAM users. The organization wants that each IAM user accesses the IAM console only within the organization and not from outside. How can it achieve this?

Please select:

- A. Create an IAM policy with the security group and use that security group for AWS console login
- B. Create an IAM policy with a condition which denies access when the IP address range is not from the organization
- C. Configure the EC2 instance security group which allows traffic only from the organization's IP range
- D. Create an IAM policy with VPC and allow a secure gateway between the organization and AWS Console

Answer: B

Explanation:

You can actually use a Deny condition which will not allow the person to log in from outside. The below example shows the Deny condition to ensure that any address specified in the source address is not allowed to access the resources in AWS.

Option A is invalid because you don't mention the security group in the IAM policy Option C is invalid because security groups by default don't allow traffic

Option D is invalid because the IAM policy does not have such an option For more information on IAM policy conditions, please visit the URL:

<http://docs.aws.amazon.com/IAM/latest/UserGuide/access>

pol

examples.htm l#iam-policy-example-ec2-two-condition!

The correct answer is: Create an IAM policy with a condition which denies access when the IP address range is not from the organization

Submit your Feedback/Queries to our Experts

NEW QUESTION 111

You company has mandated that all data in AWS be encrypted at rest. How can you achieve this for EBS volumes? Choose 2 answers from the options given below

Please select:

- A. Use Windows bit locker for EBS volumes on Windows instances
- B. Use TrueEncrypt for EBS volumes on Linux instances
- C. Use AWS Systems Manager to encrypt the existing EBS volumes
- D. Boot EBS volume can be encrypted during launch without using custom AMI

Answer: AB

Explanation:

EBS encryption can also be enabled when the volume is created and not for existing volumes. One can use existing tools for OS level encryption.

Option C is incorrect.

AWS Systems Manager is a management service that helps you automatically collect software inventory, apply OS patches, create system images, and configure Windows and Linux operating systems.

Option D is incorrect

You cannot choose to encrypt a non-encrypted boot volume on instance launch. To have encrypted boot volumes during launch , your custom AMI must have it's boot volume encrypted before launch.

For more information on the Security Best practices, please visit the following URL: [com/whit](https://aws.amazon.com/whit) Security Practices.

The correct answers are: Use Windows bit locker for EBS volumes on Windows instances. Use TrueEncrypt for EBS volumes on Linux instances

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NEW QUESTION 115

An organization operates a web application that serves users globally. The application runs on Amazon EC2 instances behind an Application Load Balancer. There is an Amazon CloudFront distribution in front of the load balancer, and the organization uses AWS WAF. The application is currently experiencing a volumetric attack whereby the attacker is exploiting a bug in a popular mobile game.

The application is being flooded with HTTP requests from all over the world with the User-Agent set to the following string: Mozilla/5.0 (compatible; ExampleCorp; ExampleGame/1.22; Mobile/1.0)

What mitigation can be applied to block attacks resulting from this bug while continuing to service legitimate requests?

- A. Create a rule in AWS WAF rules with conditions that block requests based on the presence of ExampleGame/1.22 in the User-Agent header
- B. Create a geographic restriction on the CloudFront distribution to prevent access to the application from most geographic regions
- C. Create a rate-based rule in AWS WAF to limit the total number of requests that the web application services.
- D. Create an IP-based blacklist in AWS WAF to block the IP addresses that are originating from requests that contain ExampleGame/1.22 in the User-Agent header.

Answer: A

NEW QUESTION 120

Your company has many AWS accounts defined and all are managed via AWS Organizations. One AWS account has a S3 bucket that has critical data. How can we ensure that all the users in the AWS organisation have access to this bucket?

Please select:

- A. Ensure the bucket policy has a condition which involves aws:PrincipalOrgID
- B. Ensure the bucket policy has a condition which involves aws:AccountNumber
- C. Ensure the bucket policy has a condition which involves aws:PrincipalID
- D. Ensure the bucket policy has a condition which involves aws:OrgID

Answer: A

Explanation:

The AWS Documentation mentions the following

AWS Identity and Access Management (IAM) now makes it easier for you to control access to your AWS resources by using the AWS organization of IAM principals (users and roles). For some services, you grant permissions using resource-based policies to specify the accounts and principals that can access the resource and what actions they can perform on it. Now, you can use a new condition key, aws:PrincipalOrgID, in these policies to require all principals accessing the resource to be from an account in the organization

Option B.C and D are invalid because the condition in the bucket policy has to mention aws:PrincipalOrgID For more information on controlling access via Organizations, please refer to the below Link:

<https://aws.amazon.com/blogs/security/control-access-to-aws-resources-by-usins-the-aws-organization-of-iam-p> (

The correct answer is: Ensure the bucket policy has a condition which involves aws:PrincipalOrgID Submit your Feedback/Queries to our Experts

NEW QUESTION 121

A Systems Engineer has been tasked with configuring outbound mail through Simple Email Service (SES) and requires compliance with current TLS standards. The mail application should be configured to connect to which of the following endpoints and corresponding ports?

- A. email.us-east-1.amazonaws.com over port 8080
- B. email-pop3.us-east-1.amazonaws.com over port 995
- C. email-smtp.us-east-1.amazonaws.com over port 587
- D. email-imap.us-east-1.amazonaws.com over port 993

Answer: C

NEW QUESTION 125

The Information Technology department has stopped using Classic Load Balancers and switched to

Application Load Balancers to save costs. After the switch, some users on older devices are no longer able to connect to the website.

What is causing this situation?

- A. Application Load Balancers do not support older web browsers.
- B. The Perfect Forward Secrecy settings are not configured correctly.
- C. The intermediate certificate is installed within the Application Load Balancer.
- D. The cipher suites on the Application Load Balancers are blocking connections.

Answer: D

NEW QUESTION 127

You have enabled Cloudtrail logs for your company's AWS account. In addition, the IT Security department has mentioned that the logs need to be encrypted. How can this be achieved?
Please select:

- A. Enable SSL certificates for the Cloudtrail logs
- B. There is no need to do anything since the logs will already be encrypted
- C. Enable Server side encryption for the trail
- D. Enable Server side encryption for the destination S3 bucket

Answer: B

Explanation:

The AWS Documentation mentions the following.

By default CloudTrail event log files are encrypted using Amazon S3 server-side encryption (SSE). You can also choose to encryption your log files with an AWS Key Management Service (AWS KMS) key. You can store your log files in your bucket for as long as you want. You can also define Amazon S3 lifecycle rules to archive or delete log files automatically. If you want notifications about lo file delivery and validation, you can set up Amazon SNS notifications.

Option A.C and D are not valid since logs will already be encrypted

For more information on how Cloudtrail works, please visit the following URL: <https://docs.aws.amazon.com/awscloudtrail/latest/useruide/how-cloudtrail-works.html>

The correct answer is: There is no need to do anything since the logs will already be encrypted

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NEW QUESTION 131

You work as an administrator for a company. The company hosts a number of resources using AWS. There is an incident of a suspicious API activity which occurred 11 days ago. The Security Admin has asked to get the API activity from that point in time. How can this be achieved?
Please select:

- A. Search the Cloud Watch logs to find for the suspicious activity which occurred 11 days ago
- B. Search the Cloudtrail event history on the API events which occurred 11 days ago.
- C. Search the Cloud Watch metrics to find for the suspicious activity which occurred 11 days ago
- D. Use AWS Config to get the API calls which were made 11 days ago.

Answer: B

Explanation:

The Cloud Trail event history allows to view events which are recorded for 90 days. So one can use a metric filter to gather the API calls from 11 days ago.

Option A and C is invalid because Cloudwatch is used for logging and not for monitoring API activity Option D is invalid because AWSConfig is a configuration service and not for monitoring API activity For more information on AWS Cloudtrail, please visit the following URL:

<https://docs.aws.amazon.com/awscloudtrail/latest/useruide/how-cloudtrail-works.html>

Note:

In this question we assume that the customer has enabled cloud trail service.

AWS CloudTrail is enabled by default for ALL CUSTOMERS and will provide visibility into the past seven days of account activity without the need for you to configure a trail in the service to get started. So for an activity that happened 11 days ago to be stored in the cloud trail we need to configure the trail manually to ensure that it is stored in the events history.

• <https://aws.amazon.com/blogs/aws/new-amazon-web-services-extends-cloudtrail-to-all-aws-customers/> The correct answer is: Search the Cloudtrail event history on the API events which occurred 11 days ago.

NEW QUESTION 135

What are the MOST secure ways to protect the AWS account root user of a recently opened AWS account? (Choose two.)

- A. Use the AWS account root user access keys instead of the AWS Management Console
- B. Enable multi-factor authentication for the AWS IAM users with the AdministratorAccess managed policy attached to them
- C. Enable multi-factor authentication for the AWS account root user
- D. Use AWS KMS to encrypt all AWS account root user and AWS IAM access keys and set automatic rotation to 30 days
- E. Do not create access keys for the AWS account root user; instead, create AWS IAM users

Answer: BD

NEW QUESTION 136

Which of the following are valid event sources that are associated with web access control lists that trigger AWS WAF rules? (Choose two.)

- A. Amazon S3 static web hosting
- B. Amazon CloudFront distribution
- C. Application Load Balancer
- D. Amazon Route 53
- E. VPC Flow Logs

Answer: BC

Explanation:

A web access control list (web ACL) gives you fine-grained control over the web requests that your Amazon API Gateway API, Amazon CloudFront distribution or

Application Load Balancer responds to.

NEW QUESTION 141

An organization is using Amazon CloudWatch Logs with agents deployed on its Linux Amazon EC2 instances. The agent configuration files have been checked and the application log files to be pushed are configured correctly. A review has identified that logging from specific instances is missing. Which steps should be taken to troubleshoot the issue? (Choose two.)

- A. Use an EC2 run command to confirm that the “awslogs” service is running on all instances.
- B. Verify that the permissions used by the agent allow creation of log groups/streams and to put log events.
- C. Check whether any application log entries were rejected because of invalid time stamps by reviewing /var/cwlogs/rejects.log.
- D. Check that the trust relationship grants the service “cwlogs.amazonaws.com” permission to write objects to the Amazon S3 staging bucket.
- E. Verify that the time zone on the application servers is in UTC.

Answer: AB

NEW QUESTION 143

Development teams in your organization use S3 buckets to store the log files for various applications hosted in development environments in AWS. The developers want to keep the logs for one month for troubleshooting purposes, and then purge the logs. What feature will enable this requirement? Please select:

- A. Adding a bucket policy on the S3 bucket.
- B. Configuring lifecycle configuration rules on the S3 bucket.
- C. Creating an IAM policy for the S3 bucket.
- D. Enabling CORS on the S3 bucket.

Answer: B

Explanation:

The AWS Documentation mentions the following on lifecycle policies

Lifecycle configuration enables you to specify the lifecycle management of objects in a bucket. The configuration is a set of one or more rules, where each rule defines an action for Amazon S3 to apply to a group of objects. These actions can be classified as follows:

Transition actions - In which you define when objects transition to another . For example, you may choose to transition objects to the STANDARD_IA (IA, for infrequent access) storage class 30 days after creation, or archive objects to the GLACIER storage class one year after creation.

Expiration actions - In which you specify when the objects expire. Then Amazon S3 deletes the expired objects on your behalf.

Option A and C are invalid because neither bucket policies nor IAM policy's can control the purging of logs. Option D is invalid because CORS is used for accessing objects across domains and not for purging of logs. For more information on AWS S3 Lifecycle policies, please visit the following URL:
[com/AmazonS3/latest/dg/](https://docs.aws.amazon.com/AmazonS3/latest/dg/bucket-lifecycle.html)

The correct answer is: Configuring lifecycle configuration rules on the S3 bucket. Submit your Feedback/Queries to our Experts

NEW QUESTION 145

You have an Amazon VPC that has a private subnet and a public subnet in which you have a NAT instance server. You have created a group of EC2 instances that configure themselves at startup by downloading a bootstrapping script from S3 that deploys an application via GIT.

Which one of the following setups would give us the highest level of security? Choose the correct answer from the options given below.

Please select:

- A. EC2 instances in our public subnet, no EIPs, route outgoing traffic via the IGW
- B. EC2 instances in our public subnet, assigned EIPs, and route outgoing traffic via the NAT
- C. EC2 instance in our private subnet, assigned EIPs, and route our outgoing traffic via our IGW
- D. EC2 instances in our private subnet, no EIPs, route outgoing traffic via the NAT

Answer: D

Explanation:

The below diagram shows how the NAT instance works. To make EC2 instances very secure, they need to be in a private subnet such as the database server shown below with no EIP and all traffic routed via the NAT.

C:\Users\wk\Desktop\mudassar\Untitled.jpg

Options A and B are invalid because the instances need to be in the private subnet

Option C is invalid because since the instance needs to be in the private subnet, you should not attach an EIP to the instance

For more information on NAT instance, please refer to the below Link: http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/VPC-NAT_Instance.html

The correct answer is: EC2 instances in our private subnet no EIPs, route outgoing traffic via the NAT. Submit your Feedback/Queries to our Experts

NEW QUESTION 148

A Security Administrator has a website hosted in Amazon S3. The Administrator has been given the following requirements:

Users may not access the website directly by using an Amazon S3 URL.

Which configurations will support these requirements? (Choose two.)

- A. Associate an origin access identity with the CloudFront distribution.
- B. Implement a “Principal”: “cloudfront.amazonaws.com” condition in the S3 bucket policy.
- C. Modify the S3 bucket permissions so that only the origin access identity can access the bucket contents.
- D. Implement security groups so that the S3 bucket can be accessed only by using the intended CloudFront distribution.
- E. Configure the S3 bucket policy so that it is accessible only through VPC endpoints, and place the CloudFront distribution into the specified VPC.

Answer: AC

NEW QUESTION 149

An AWS account includes two S3 buckets: bucket1 and bucket2. The bucket2 does not have a policy defined, but bucket1 has the following bucket policy:

In addition, the same account has an IAM User named “alice”, with the following IAM policy.

Which buckets can user “alice” access?

- A. Bucket1 only
- B. Bucket2 only
- C. Both bucket1 and bucket2
- D. Neither bucket1 nor bucket2

Answer: C

NEW QUESTION 150

An organization has tens of applications deployed on thousands of Amazon EC2 instances. During testing, the Application team needs information to let them know whether the network access control lists (network ACLs) and security groups are working as expected.

How can the Application team’s requirements be met?

- A. Turn on VPC Flow Logs, send the logs to Amazon S3, and use Amazon Athena to query the logs.
- B. Install an Amazon Inspector agent on each EC2 instance, send the logs to Amazon S3, and use Amazon EMR to query the logs.
- C. Create an AWS Config rule for each network ACL and security group configuration, send the logs to Amazon S3, and use Amazon Athena to query the logs.
- D. Turn on AWS CloudTrail, send the trails to Amazon S3, and use AWS Lambda to query the trails.

Answer: A

NEW QUESTION 152

A company wants to have an Intrusion detection system available for their VPC in AWS. They want to have complete control over the system. Which of the following would be ideal to implement?

Please select:

- A. Use AWS WAF to catch all intrusions occurring on the systems in the VPC
- B. Use a custom solution available in the AWS Marketplace
- C. Use VPC Flow logs to detect the issues and flag them accordingly.
- D. Use AWS Cloudwatch to monitor all traffic

Answer: B

Explanation:

Sometimes companies want to have custom solutions in place for monitoring Intrusions to their systems. In such a case, you can use the AWS Marketplace for looking at custom solutions.

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Option A.C and D are all invalid because they cannot be used to conduct intrusion detection or prevention. For more information on using custom security solutions please visit the below URL https://d1.awsstatic.com/Marketplace/security/AWSMP_Security_Solution%20Overview.pdf

For more information on using custom security solutions please visit the below URL: https://d1.awsstatic.com/Marketplace/security/AWSMP_Security_Solution%20Overview.pdf

The correct answer is: Use a custom solution available in the AWS Marketplace Submit your Feedback/Queries to our Experts

NEW QUESTION 156

Which of the following is the most efficient way to automate the encryption of AWS CloudTrail logs using a Customer Master Key (CMK) in AWS KMS?

- A. Use the KMS direct encrypt function on the log data every time a CloudTrail log is generated.
- B. Use the default Amazon S3 server-side encryption with S3-managed keys to encrypt and decrypt the CloudTrail logs.
- C. Configure CloudTrail to use server-side encryption using KMS-managed keys to encrypt and decrypt CloudTrail logs.
- D. Use encrypted API endpoints so that all AWS API calls generate encrypted CloudTrail log entries using the TLS certificate from the encrypted API call.

Answer: C

NEW QUESTION 161

You are planning to use AWS Config to check the configuration of the resources in your AWS account. You are planning on using an existing IAM role and using it for the AWS Config resource. Which of the following is required to ensure the AWS config service can work as required?

Please select:

- A. Ensure that there is a trust policy in place for the AWS Config service within the role
- B. Ensure that there is a grant policy in place for the AWS Config service within the role
- C. Ensure that there is a user policy in place for the AWS Config service within the role
- D. Ensure that there is a group policy in place for the AWS Config service within the role

Answer: A

Explanation:

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Options B,C and D are invalid because you need to ensure a trust policy is in place and not a grant, user or group policy or more information on the 1AM role permissions please visit the below Link:

<https://docs.aws.amazon.com/config/latest/developerguide/iamrole-permissions.html>

The correct answer is: Ensure that there is a trust policy in place for the AWS Config service within the role Submit your Feedback/Queries to our Experts

NEW QUESTION 164

Your company has just set up a new central server in a VPC. There is a requirement for other teams who have their servers located in different VPC's in the same region to connect to the central server. Which of the below options is best suited to achieve this requirement.

Please select:

- A. Set up VPC peering between the central server VPC and each of the teams VPCs.
- B. Set up AWS DirectConnect between the central server VPC and each of the teams VPCs.
- C. Set up an IPSec Tunnel between the central server VPC and each of the teams VPCs.
- D. None of the above options will work.

Answer: A

Explanation:

A VPC peering connection is a networking connection between two VPCs that enables you to route traffic between them using private IPv4 addresses or IPv6 addresses. Instances in either VPC can communicate with each other as if they are within the same network. You can create a VPC peering connection between your own VPCs, or with a VPC in another AWS account within a single region.

Options B and C are invalid because you need to use VPC Peering Option D is invalid because VPC Peering is available

For more information on VPC Peering please see the below Link:

<http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/vpc-peering.html>

The correct answer is: Set up VPC peering between the central server VPC and each of the teams VPCs. Submit your Feedback/Queries to our Experts

NEW QUESTION 169

A company has been using the AWS KMS service for managing its keys. They are planning on carrying out housekeeping activities and deleting keys which are no longer in use. What are the ways that can be incorporated to see which keys are in use? Choose 2 answers from the options given below

Please select:

- A. Determine the age of the master key
- B. See who is assigned permissions to the master key
- C. See Cloudtrail for usage of the key
- D. Use AWS cloudwatch events for events generated for the key

Answer: BC

Explanation:

The direct ways that can be used to see how the key is being used is to see the current access permissions and cloudtrail logs

Option A is invalid because seeing how long ago the key was created would not determine the usage of the key

Option D is invalid because Cloudtrail Event is better for seeing for events generated by the key This is also mentioned in the AWS Documentation

Examining CMK Permissions to Determine the Scope of Potential Usage

Determining who or what currently has access to a customer master key (CMK) might help you determine how widely the CM was used and whether it is still needed. To learn how to determine who or what currently has access to a CMK, go to Determining Access to an AWS KMS Customer Master Key.

Examining AWS CloudTrail Logs to Determine Actual Usage

AWS KMS is integrated with AWS CloudTrail, so all AWS KMS API activity is recorded in CloudTrail log files. If you have CloudTrail turned on in the region where your customer master key (CMK) is located, you can examine your CloudTrail log files to view a history of all AWS KMS API activity for a particular CMK, and thus its usage history. You might be able to use a CMK's usage history to help you determine whether or not you still need it

For more information on determining the usage of CMK keys, please visit the following URL:

<https://docs.aws.amazon.com/kms/latest/developerguide/deleting-keys-determining-usage.html>

The correct answers are: See who is assigned permissions to the master key. See Cloudtrail for usage of the key Submit your Feedback/Queries to our Experts

NEW QUESTION 172

A Security Engineer must add additional protection to a legacy web application by adding the following HTTP security headers:

- Content Security-Policy
- X-Frame-Options
- X-XSS-Protection

The Engineer does not have access to the source code of the legacy web application. Which of the following approaches would meet this requirement?

- A. Configure an Amazon Route 53 routing policy to send all web traffic that does not include the required headers to a black hole.
- B. Implement an AWS Lambda@Edge origin response function that inserts the required headers.
- C. Migrate the legacy application to an Amazon S3 static website and front it with an Amazon CloudFront distribution.
- D. Construct an AWS WAF rule to replace existing HTTP headers with the required security headers by using regular expressions.

Answer: B

NEW QUESTION 174

A company requires that IP packet data be inspected for invalid or malicious content. Which of the following approaches achieve this requirement? (Choose two.)

- A. Configure a proxy solution on Amazon EC2 and route all outbound VPC traffic through i
- B. Perform inspection within proxy software on the EC2 instance.
- C. Configure the host-based agent on each EC2 instance within the VP
- D. Perform inspection within the host-based agent.
- E. Enable VPC Flow Logs for all subnets in the VP
- F. Perform inspection from the Flow Log data within Amazon CloudWatch Logs.
- G. Configure Elastic Load Balancing (ELB) access log
- H. Perform inspection from the log data within the ELB access log files.
- I. Configure the CloudWatch Logs agent on each EC2 instance within the VP
- J. Perform inspection from the log data within CloudWatch Logs.

Answer: AB

NEW QUESTION 178

For compliance reasons, an organization limits the use of resources to three specific AWS regions. It wants to be alerted when any resources are launched in unapproved regions.

Which of the following approaches will provide alerts on any resources launched in an unapproved region?

- A. Develop an alerting mechanism based on processing AWS CloudTrail logs.
- B. Monitor Amazon S3 Event Notifications for objects stored in buckets in unapproved regions.
- C. Analyze Amazon CloudWatch Logs for activities in unapproved regions.
- D. Use AWS Trusted Advisor to alert on all resources being created.

Answer: A

NEW QUESTION 180

A DevOps team is currently looking at the security aspect of their CI/CD pipeline. They are making use of AWS resource? for their infrastructure. They want to ensure that the EC2 Instances don't have any high security vulnerabilities. They want to ensure a complete DevSecOps process. How can this be achieved? Please select:

- A. Use AWS Config to check the state of the EC2 instance for any sort of security issues.
- B. Use AWS Inspector API's in the pipeline for the EC2 Instances
- C. Use AWS Trusted Advisor API's in the pipeline for the EC2 Instances
- D. Use AWS Security Groups to ensure no vulnerabilities are present

Answer: B

Explanation:

Amazon Inspector offers a programmatic way to find security defects or misconfigurations in your operating systems and applications. Because you can use API calls to access both the processing of assessments and the results of your assessments, integration of the findings into workflow and notification systems is simple.

DevOps teams can integrate Amazon Inspector into their CI/CD pipelines and use it to identify any pre-existing issues or when new issues are introduced.

Option A.C and D are all incorrect since these services cannot check for Security Vulnerabilities. These can only be checked by the AWS Inspector service.

For more information on AWS Security best practices, please refer to below URL: [https://d1.awsstatic.com/whitepapers/Security/AWS Security Best Practices.pdf](https://d1.awsstatic.com/whitepapers/Security/AWS_Security_Best_Practices.pdf)

The correct answer is: Use AWS Inspector API's in the pipeline for the EC2 Instances Submit your Feedback/Queries to our Experts

NEW QUESTION 181

A Security Administrator is restricting the capabilities of company root user accounts. The company uses AWS Organizations and has enabled it for all feature sets, including consolidated billing. The top-level account is used for billing and administrative purposes, not for operational AWS resource purposes.

How can the Administrator restrict usage of member root user accounts across the organization?

- A. Disable the use of the root user account at the organizational roo
- B. Enable multi-factor authentication of the root user account for each organizational member account.
- C. Configure IAM user policies to restrict root account capabilities for each Organizations member account.
- D. Create an organizational unit (OU) in Organizations with a service control policy that controls usage of the root use
- E. Add all operational accounts to the new OU.
- F. Configure AWS CloudTrail to integrate with Amazon CloudWatch Logs and then create a metric filter for RootAccountUsage.

Answer: C

NEW QUESTION 184

You want to launch an EC2 Instance with your own key pair in AWS. How can you achieve this? Choose 3 answers from the options given below.

Please select:

- A. Use a third party tool to create the Key pair
- B. Create a new key pair using the AWS CLI
- C. Import the public key into EC2

D. Import the private key into EC2

Answer: ABC

Explanation:

This is given in the AWS Documentation Creating a Key Pair

You can use Amazon EC2 to create your key pair. For more information, see Creating a Key Pair Using Amazon EC2.

Alternatively, you could use a third-party tool and then import the public key to Amazon EC2. For more information, see Importing Your Own Public Key to Amazon EC2.

Option B is Correct, because you can use the AWS CLI to create a new key pair 1 <https://docs.aws.amazon.com/cli/latest/userguide/cli-ec2-keypairs.html>

Option D is invalid because the public key needs to be stored in the EC2 Instance For more information on EC2 Key pairs, please visit the below URL:

* <https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ec2-key-pairs>

The correct answers are: Use a third party tool to create the Key pair. Create a new key pair using the AWS CLI, Import the public key into EC2

Submit your Feedback/Queries to our Experts

NEW QUESTION 185

An organization wants to deploy a three-tier web application whereby the application servers run on Amazon EC2 instances. These EC2 instances need access to credentials that they will use to authenticate their SQL connections to an Amazon RDS DB instance. Also, AWS Lambda functions must issue queries to the RDS database by using the same database credentials.

The credentials must be stored so that the EC2 instances and the Lambda functions can access them. No other access is allowed. The access logs must record when the credentials were accessed and by whom.

What should the Security Engineer do to meet these requirements?

A. Store the database credentials in AWS Key Management Service (AWS KMS). Create an IAM role with access to AWS KMS by using the EC2 and Lambda service principals in the role's trust policy

B. Add the role to an EC2 instance profile

C. Attach the instance profile to the EC2 instance

D. Set up Lambda to use the new role for execution.

E. Store the database credentials in AWS KM

F. Create an IAM role with access to KMS by using the EC2 and Lambda service principals in the role's trust policy

G. Add the role to an EC2 instance profile

H. Attach the instance profile to the EC2 instances and the Lambda function.

I. Store the database credentials in AWS Secrets Manager

J. Create an IAM role with access to Secrets Manager by using the EC2 and Lambda service principals in the role's trust policy

K. Add the role to an EC2 instance profile

L. Attach the instance profile to the EC2 instances and the Lambda function.

M. Store the database credentials in AWS Secrets Manager

N. Create an IAM role with access to Secrets Manager by using the EC2 and Lambda service principals in the role's trust policy

O. Add the role to an EC2 instance profile

P. Attach the instance profile to the EC2 instance

Q. Set up Lambda to use the new role for execution.

Answer: D

NEW QUESTION 189

The AWS Systems Manager Parameter Store is being used to store database passwords used by an AWS Lambda function. Because this is sensitive data, the parameters are stored as type SecureString and protected by an AWS KMS key that allows access through IAM. When the function executes, this parameter cannot be retrieved as the result of an access denied error.

Which of the following actions will resolve the access denied error?

A. Update the ssm.amazonaws.com principal in the KMS key policy to allow kms: Decrypt.

B. Update the Lambda configuration to launch the function in a VPC.

C. Add a policy to the role that the Lambda function uses, allowing kms: Decrypt for the KMS key.

D. Add lambda.amazonaws.com as a trusted entity on the IAM role that the Lambda function uses.

Answer: A

NEW QUESTION 190

How can you ensure that instance in an VPC does not use AWS DNS for routing DNS requests. You want to use your own managed DNS instance. How can this be achieved?

Please select:

A. Change the existing DHCP options set

B. Create a new DHCP options set and replace the existing one.

C. Change the route table for the VPC

D. Change the subnet configuration to allow DNS requests from the new DNS Server

Answer: B

Explanation:

In order to use your own DNS server, you need to ensure that you create a new custom DHCP options set with the IP of the custom DNS server. You cannot modify the existing set, so you need to create a new one.

Option A is invalid because you cannot make changes to an existing DHCP options Set.

Option C is invalid because this can only be used to work with Routes and not with a custom DNS solution. Option D is invalid because this needs to be done at the VPC level and not at the Subnet level

For more information on DHCP options set, please visit the following url https://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/VPC_DHCP_Options.html

The correct answer is: Create a new DHCP options set and replace the existing one. Submit your Feedback/Queries to our Experts

NEW QUESTION 192

A company has a large set of keys defined in AWS KMS. Their developers frequently use the keys for the applications being developed. What is one of the ways that can be used to reduce the cost of accessing the keys in the AWS KMS service.

Please select:

- A. Enable rotation of the keys
- B. Use Data key caching
- C. Create an alias of the key
- D. Use the right key policy

Answer: B

Explanation:

The AWS Documentation mentions the following

Data key caching stores data keys and related cryptographic material in a cache. When you encrypt or decrypt data, the AWS Encryption SDK looks for a matching data key in the cache. If it finds a match, it uses the cached data key rather than generating a new one. Data key caching can improve performance, reduce cost, and help you stay within service limits as your application scales.

Option A, C and D are all incorrect since these options will not impact how the key is used. For more information on data key caching, please refer to below URL: <https://docs.aws.amazon.com/encryption-sdk/latest/developer-guide/data-key-caching.html> The correct answer is: Use Data key caching Submit your Feedback/Queries to our Experts

NEW QUESTION 195

Your company is planning on using bastion hosts for administering the servers in AWS. Which of the following is the best description of a bastion host from a security perspective? Please select:

- A. A Bastion host should be on a private subnet and never a public subnet due to security concerns
- B. A Bastion host sits on the outside of an internal network and is used as a gateway into the private network and is considered the critical strong point of the network
- C. Bastion hosts allow users to log in using RDP or SSH and use that session to SSH into internal network to access private subnet resources.
- D. A Bastion host should maintain extremely tight security and monitoring as it is available to the public

Answer: C

Explanation:

A bastion host is a special purpose computer on a network specifically designed and configured to withstand attacks. The computer generally hosts a single application, for example a proxy server, and all other services are removed or limited to reduce the threat to the computer.

In AWS, a bastion host is kept on a public subnet. Users log on to the bastion host via SSH or RDP and then use that session to manage other hosts in the private subnets.

Options A and B are invalid because the bastion host needs to sit on the public network. Option D is invalid because bastion hosts are not used for monitoring. For more information on bastion hosts, just browse to the below URL:

<https://docs.aws.amazon.com/quickstart/latest/linux-bastion/architecture.html>

The correct answer is: Bastion hosts allow users to log in using RDP or SSH and use that session to SSH into internal network to access private subnet resources. Submit your Feedback/Queries to our Experts

NEW QUESTION 198

You have a vendor that needs access to an AWS resource. You create an AWS user account. You want to restrict access to the resource using a policy for just that user over a brief period. Which of the following would be an ideal policy to use?

Please select:

- A. An AWS Managed Policy
- B. An Inline Policy
- C. A Bucket Policy
- D. A bucket ACL

Answer: B

Explanation:

The AWS Documentation gives an example on such a case

Inline policies are useful if you want to maintain a strict one-to-one relationship between a policy and the principal entity that it is applied to. For example, you want to be sure that the permissions in a policy are not inadvertently assigned to a principal entity other than the one they're intended for. When you use an inline policy, the permissions in the policy cannot be inadvertently attached to the wrong principal entity. In addition, when you use the AWS Management Console to delete that principal entity, the policies embedded in the principal entity are deleted as well. That's because they are part of the principal entity.

Option A is invalid because AWS Managed Policies are OK for a group of users, but for individual users, inline policies are better.

Option C and D are invalid because they are specifically meant for access to S3 buckets. For more information on policies, please visit the following URL:

<https://docs.aws.amazon.com/IAM/latest/UserGuide/access-managed-vs-inline>

The correct answer is: An Inline Policy Submit your Feedback/Queries to our Experts

NEW QUESTION 202

You work at a company that makes use of AWS resources. One of the key security policies is to ensure that all data is encrypted both at rest and in transit. Which of the following is one of the right ways to implement this.

Please select:

- A. Use S3 SSE and use SSL for data in transit
- B. SSL termination on the ELB
- C. Enabling Proxy Protocol
- D. Enabling sticky sessions on your load balancer

Answer: A

Explanation:

By disabling SSL termination, you are leaving an unsecured connection from the ELB to the back end instances. Hence this means that part of the data transit is not

being encrypted.

Option B is incorrect because this would not guarantee complete encryption of data in transit Option C and D are incorrect because these would not guarantee encryption

For more information on SSL Listeners for your load balancer, please visit the below URL: <http://docs.aws.amazon.com/elasticloadbalancing/latest/classic/elb-https-load-balancers.html> The correct answer is: Use S3 SSE and use SSL for data in transit

Submit your Feedback/Queries to our Experts

NEW QUESTION 203

A company hosts data in S3. There is now a mandate that going forward all data in the S3 bucket needs to encrypt at rest. How can this be achieved? Please select:

- A. Use AWS Access keys to encrypt the data
- B. Use SSL certificates to encrypt the data
- C. Enable server side encryption on the S3 bucket
- D. Enable MFA on the S3 bucket

Answer: C

Explanation:

The AWS Documentation mentions the following

Server-side encryption is about data encryption at rest—that is, Amazon S3 encrypts your data at the object level as it writes it to disks in its data centers and decrypts it for you when you access it. As long as you authenticate your request and you have access permissions, there is no difference in the way you access encrypted or unencrypted objects.

Options A and B are invalid because neither Access Keys nor SSL certificates can be used to encrypt data. Option D is invalid because MFA is just used as an extra level of security for S3 buckets

For more information on S3 server side encryption, please refer to the below Link: <https://docs.aws.amazon.com/AmazonS3/latest/dev/serv-side-encryption.html>

Submit your Feedback/Queries to our Experts

NEW QUESTION 205

The Security Engineer is given the following requirements for an application that is running on Amazon EC2 and managed by using AWS CloudFormation templates with EC2 Auto Scaling groups:

-Have the EC2 instances bootstrapped to connect to a backend database.

-Ensure that the database credentials are handled securely.

-Ensure that retrievals of database credentials are logged.

Which of the following is the MOST efficient way to meet these requirements?

- A. Pass databases credentials to EC2 by using CloudFormation stack parameters with the property set to true
- B. Ensure that the instance is configured to log to Amazon CloudWatch Logs.
- C. Store database passwords in AWS Systems Manager Parameter Store by using SecureString parameters. Set the IAM role for the EC2 instance profile to allow access to the parameters.
- D. Create an AWS Lambda that ingests the database password and persists it to Amazon S3 with server-side encryption
- E. Have the EC2 instances retrieve the S3 object on startup, and log all script invocations to syslog.
- F. Write a script that is passed in as UserData so that it is executed upon launch of the EC2 instance. Ensure that the instance is configured to log to Amazon CloudWatch Logs.

Answer: C

NEW QUESTION 208

While analyzing a company's security solution, a Security Engineer wants to secure the AWS account root user.

What should the Security Engineer do to provide the highest level of security for the account?

- A. Create a new IAM user that has administrator permissions in the AWS account
- B. Delete the password for the AWS account root user.
- C. Create a new IAM user that has administrator permissions in the AWS account
- D. Modify the permissions for the existing IAM users.
- E. Replace the access key for the AWS account root user
- F. Delete the password for the AWS account root user.
- G. Create a new IAM user that has administrator permissions in the AWS account
- H. Enable multi-factor authentication for the AWS account root user.

Answer: D

Explanation:

If you continue to use the root user credentials, we recommend that you follow the security best practice to enable multi-factor authentication (MFA) for your account. Because your root user can perform sensitive operations in your account, adding an additional layer of authentication helps you to better secure your account. Multiple types of MFA are available.

NEW QUESTION 213

You are building a large-scale confidential documentation web server on AWS and all of the documentation for it will be stored on S3. One of the requirements is that it cannot be publicly accessible from S3 directly, and you will need to use CloudFront to accomplish this. Which of the methods listed below would satisfy the requirements as outlined? Choose an answer from the options below

Please select:

- A. Create an Identity and Access Management (IAM) user for CloudFront and grant access to the objects in your S3 bucket to that IAM User.
- B. Create an Origin Access Identity (OAI) for CloudFront and grant access to the objects in your S3 bucket to that OAI.
- C. Create individual policies for each bucket the documents are stored in and in that policy grant access to only CloudFront.
- D. Create an S3 bucket policy that lists the CloudFront distribution ID as the Principal and the target bucket as the Amazon Resource Name (ARN).

Answer: B

Explanation:

If you want to use CloudFront signed URLs or signed cookies to provide access to objects in your Amazon S3 bucket you probably also want to prevent users from accessing your Amazon S3 objects using Amazon S3 URLs. If users access your objects directly in Amazon S3, they bypass the controls provided by CloudFront signed URLs or signed cookies, for example, control over the date and time that a user can no longer access your content and control over which IP addresses can be used to access content. In addition, if user's access objects both through CloudFront and directly by using Amazon S3 URLs, CloudFront access logs are less useful because they're incomplete.

Option A is invalid because you need to create a Origin Access Identity for Cloudfront and not an IAM user Option C and D are invalid because using policies will not help fulfil the requirement

For more information on Origin Access Identity please see the below Link:

<http://docs.aws.amazon.com/AmazonCloudFront/latest/DeveloperGuide/private-content-restricting-access-to-s3>.

The correct answer is: Create an Origin Access Identity (OAI) for CloudFront and grant access to the objects in your S3 bucket to that OAI.

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NEW QUESTION 214

You are creating a Lambda function which will be triggered by a Cloudwatch Event. The data from these events needs to be stored in a DynamoDB table. How should the Lambda function be given access to the DynamoDB table?

Please select:

- A. Put the AWS Access keys in the Lambda function since the Lambda function by default is secure
- B. Use an IAM role which has permissions to the DynamoDB table and attach it to the Lambda function.
- C. Use the AWS Access keys which has access to DynamoDB and then place it in an S3 bucket.
- D. Create a VPC endpoint for the DynamoDB table
- E. Access the VPC endpoint from the Lambda function.

Answer: B

Explanation:

AWS Lambda functions use roles to interact with other AWS services. So use an IAM role which has permissions to the DynamoDB table and attach it to the Lambda function.

Options A and C are all invalid because you should never use AWS keys for access. Option D is invalid because the VPC endpoint is used for VPCs

For more information on Lambda function Permission model, please visit the URL <https://docs.aws.amazon.com/lambda/latest/dg/intro-permission-model.html>

The correct answer is: Use an IAM role which has permissions to the DynamoDB table and attach it to the Lambda function. Submit your Feedback/Queries to our Experts

NEW QUESTION 218

You have an instance setup in a test environment in AWS. You installed the required application and then promoted the server to a production environment. Your IT Security team has advised that there may be traffic flowing in from an unknown IP address to port 22. How can this be mitigated immediately?

Please select:

- A. Shutdown the instance
- B. Remove the rule for incoming traffic on port 22 for the Security Group
- C. Change the AMI for the instance
- D. Change the Instance type for the instance

Answer: B

Explanation:

In the test environment the security groups might have been opened to all IP addresses for testing purpose. Always ensure to remove this rule once all testing is completed.

Option A, C and D are all invalid because this would affect the application running on the server. The easiest way is just to remove the rule for access on port 22.

For more information on authorizing access to an instance, please visit the below URL: <https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/authorizing-access-to-an-instance.html>

The correct answer is: Remove the rule for incoming traffic on port 22 for the Security Group Submit your Feedback/Queries to our Experts

NEW QUESTION 223

You have a 2 tier application hosted in AWS. It consists of a web server and database server (SQL Server) hosted on separate EC2 Instances. You are devising the security groups for these EC2 Instances. The Web tier needs to be accessed by users across the Internet. You have created a web security group(wg-123) and database security group(db-345). Which combination of the following security group rules will allow the application to be secure and functional. Choose 2 answers from the options given below.

Please select:

- A. wg-123 -Allow ports 80 and 443 from 0.0.0.0/0
- B. db-345 - Allow port 1433 from wg-123
- C. wg-123 - Allow port 1433 from wg-123
- D. db-345 -Allow ports 1433 from 0.0.0.0/0

Answer: AB

Explanation:

The Web security group should allow access for ports 80 and 443 for HTTP and HTTPS traffic to all users from the internet.

The database security group should just allow access from the web security group from port 1433. Option C is invalid because this is not a valid configuration

Option D is invalid because database security should not be allowed on the internet For more information on Security Groups please visit the below URL:

<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/usins-network-security.html>

The correct answers are: wg-123 - Allow ports 80 and 443 from 0.0.0.0/0, db-345 - Allow port 1433 from wg-123

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NEW QUESTION 228

The Security Engineer implemented a new vault lock policy for 10TB of data and called initiate-vault-lock 12 hours ago. The Audit team identified a typo that is

allowing incorrect access to the vault.

What is the MOST cost-effective way to correct this?

- A. Call the abort-vault-lock operation, fix the typo, and call the initiate-vault-lock again.
- B. Copy the vault data to Amazon S3, delete the vault, and create a new vault with the data.
- C. Update the policy, keeping the vault lock in place.
- D. Update the policy and call initiate-vault-lock again to apply the new policy.

Answer: A

NEW QUESTION 233

You have a set of Keys defined using the AWS KMS service. You want to stop using a couple of keys, but are not sure of which services are currently using the keys. Which of the following would be a safe option to stop using the keys from further usage.

Please select:

- A. Delete the keys since anyway there is a 7 day waiting period before deletion
- B. Disable the keys
- C. Set an alias for the key
- D. Change the key material for the key

Answer: B

Explanation:

Option A is invalid because once you schedule the deletion and waiting period ends, you cannot come back from the deletion process.

Option C and D are invalid because these will not check to see if the keys are being used or not. The AWS Documentation mentions the following

Deleting a customer master key (CMK) in AWS Key Management Service (AWS KMS) is destructive and potentially dangerous. It deletes the key material and all metadata associated with the CMK, and is irreversible. After a CMK is deleted you can no longer decrypt the data that was encrypted under that CMK, which means that data becomes unrecoverable. You should delete a CMK only when you are sure that you don't need to use it anymore. If you are not sure, consider disabling the CMK instead of deleting it. You can re-enable a disabled CMK if you need to use it again later, but you cannot recover a deleted CMK.

For more information on deleting keys from KMS, please visit the below URL: <https://docs.aws.amazon.com/kms/latest/developerguide/deleting-keys.html>

The correct answer is: Disable the keys Submit your Feedback/Queries to our Experts

NEW QUESTION 237

A Security Engineer discovers that developers have been adding rules to security groups that allow SSH and RDP traffic from 0.0.0.0/0 instead of the organization firewall IP.

What is the most efficient way to remediate the risk of this activity?

- A. Delete the internet gateway associated with the VPC.
- B. Use network access control lists to block source IP addresses matching 0.0.0.0/0.
- C. Use a host-based firewall to prevent access from all but the organization's firewall IP.
- D. Use AWS Config rules to detect 0.0.0.0/0 and invoke an AWS Lambda function to update the security group with the organization's firewall IP.

Answer: D

NEW QUESTION 240

Your company hosts critical data in an S3 bucket. There is a requirement to ensure that all data is encrypted. There is also metadata about the information stored in the bucket that needs to be encrypted as well. Which of the below measures would you take to ensure that the metadata is encrypted?

Please select:

- A. Put the metadata as metadata for each object in the S3 bucket and then enable S3 Server side encryption.
- B. Put the metadata as metadata for each object in the S3 bucket and then enable S3 Server KMS encryption.
- C. Put the metadata in a DynamoDB table and ensure the table is encrypted during creation time.
- D. Put the metadata in the S3 bucket itself.

Answer: C

Explanation:

Option A, B and D are all invalid because the metadata will not be encrypted in any case and this is a key requirement from the question.

One key thing to note is that when the S3 bucket objects are encrypted, the meta data is not encrypted. So the best option is to use an encrypted DynamoDB table. Important

All GET and PUT requests for an object protected by AWS KMS will fail if they are not made via SSL or by using SigV4. SSE-KMS encrypts only the object data.

Any object metadata is not encrypted. For more information on using KMS encryption for S3, please refer to below URL: 1

<https://docs.aws.amazon.com/AmazonS3/latest/dev/UsingKMSEncryption.html>

The correct answer is: Put the metadata in a DynamoDB table and ensure the table is encrypted during creation time. Submit your Feedback/Queries to our Experts

NEW QUESTION 243

Your company has been using AWS for the past 2 years. They have separate S3 buckets for logging the various AWS services that have been used. They have hired an external vendor for analyzing their log files. They have their own AWS account. What is the best way to ensure that the partner account can access the log files in the company account for analysis. Choose 2 answers from the options given below

Please select:

- A. Create an IAM user in the company account
- B. Create an IAM Role in the company account
- C. Ensure the IAM user has access for read-only to the S3 buckets
- D. Ensure the IAM Role has access for read-only to the S3 buckets

Answer: BD

Explanation:

The AWS Documentation mentions the following

To share log files between multiple AWS accounts, you must perform the following general steps. These steps are explained in detail later in this section.

Create an IAM role for each account that you want to share log files with.

For each of these IAM roles, create an access policy that grants read-only access to the account you want to share the log files with.

Have an IAM user in each account programmatically assume the appropriate role and retrieve the log files. Options A and C are invalid because creating an IAM user and then sharing the IAM user credentials with the vendor is a direct 'NO' practise from a security perspective.

For more information on sharing cloudtrail logs files, please visit the following URL <https://docs.aws.amazon.com/awscloudtrail/latest/userguide/cloudtrail-share-logs.html>

The correct answers are: Create an IAM Role in the company account Ensure the IAM Role has access for read-only to the S3 buckets

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NEW QUESTION 245

An Amazon EC2 instance is part of an EC2 Auto Scaling group that is behind an Application Load Balancer (ALB). It is suspected that the EC2 instance has been compromised.

Which steps should be taken to investigate the suspected compromise? (Choose three.)

- A. Detach the elastic network interface from the EC2 instance.
- B. Initiate an Amazon Elastic Block Store volume snapshot of all volumes on the EC2 instance.
- C. Disable any Amazon Route 53 health checks associated with the EC2 instance.
- D. De-register the EC2 instance from the ALB and detach it from the Auto Scaling group.
- E. Attach a security group that has restrictive ingress and egress rules to the EC2 instance.
- F. Add a rule to an AWS WAF to block access to the EC2 instance.

Answer: BDE

NEW QUESTION 248

Which of the following is the responsibility of the customer? Choose 2 answers from the options given below. Please select:

- A. Management of the Edge locations
- B. Encryption of data at rest
- C. Protection of data in transit
- D. Decommissioning of old storage devices

Answer: BC

Explanation:

Below is the snapshot of the Shared Responsibility Model

C:\Users\wk\Desktop\mudassar\Untitled.jpg

For more information on AWS Security best practises, please refer to below URL [awsstatic.com/whitepapers/Security/AWS Practices](https://awsstatic.com/whitepapers/Security/AWS%20Practices.pdf).

The correct answers are: Encryption of data at rest Protection of data in transit Submit your Feedback/Queries to our Experts

NEW QUESTION 249

An application running on EC2 instances must use a username and password to access a database. The developer has stored those secrets in the SSM Parameter Store with type SecureString using the default KMS CMK. Which combination of configuration steps will allow the application to access the secrets via the API? Select 2 answers from the options below

Please select:

- A. Add the EC2 instance role as a trusted service to the SSM service role.
- B. Add permission to use the KMS key to decrypt to the SSM service role.
- C. Add permission to read the SSM parameter to the EC2 instance role
- D. .
- E. Add permission to use the KMS key to decrypt to the EC2 instance role
- F. Add the SSM service role as a trusted service to the EC2 instance role.

Answer: CD

Explanation:

The below example policy from the AWS Documentation is required to be given to the EC2 Instance in order to read a secure string from AWS KMS. Permissions need to be given to the Get Parameter API and the KMS API call to decrypt the secret.

C:\Users\wk\Desktop\mudassar\Untitled.jpg

Option A is invalid because roles can be attached to EC2 and not EC2 roles to SSM Option B is invalid because the KMS key does not need to decrypt the SSM service role.

Option E is invalid because this configuration is valid For more information on the parameter store, please visit the below URL:

<https://docs.aws.amazon.com/kms/latest/developerguide/services-parameter-store.html>

The correct answers are: Add permission to read the SSM parameter to the EC2 instance role., Add permission to use the KMS key to decrypt to the EC2 instance role

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NEW QUESTION 252

You are planning on hosting a web application on AWS. You create an EC2 Instance in a public subnet. This instance needs to connect to an EC2 Instance that will host an Oracle database. Which of the following steps should be followed to ensure a secure setup is in place? Select 2 answers.

Please select:

- A. Place the EC2 Instance with the Oracle database in the same public subnet as the Web server for faster communication
- B. Place the EC2 Instance with the Oracle database in a separate private subnet

- C. Create a database security group and ensure the web security group to allowed incoming access
- D. Ensure the database security group allows incoming traffic from 0.0.0.0/0

Answer: BC

Explanation:

The best secure option is to place the database in a private subnet. The below diagram from the AWS Documentation shows this setup. Also ensure that access is not allowed from all sources but just from the web servers.

C:\Users\wk\Desktop\mudassar\Untitled.jpg

Option A is invalid because databases should not be placed in the public subnet

Option D is invalid because the database security group should not allow traffic from the internet For more information on this type of setup, please refer to the below URL:

https://docs.aws.amazon.com/AmazonVPC/latest/UserGuideA/PC_Scenario2.

The correct answers are: Place the EC2 Instance with the Oracle database in a separate private subnet Create a database security group and ensure the web security group to allowed incoming access

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NEW QUESTION 256

A company hosts a critical web application on the AWS Cloud. This is a key revenue generating application for the company. The IT Security team is worried about potential DDos attacks against the web site. The senior management has also specified that immediate action needs to be taken in case of a potential DDos attack. What should be done in this regard?

Please select:

- A. Consider using the AWS Shield Service
- B. Consider using VPC Flow logs to monitor traffic for DDos attack and quickly take actions on a trigger of a potential attack.
- C. Consider using the AWS Shield Advanced Service
- D. Consider using Cloudwatch logs to monitor traffic for DDos attack and quickly take actions on a trigger of a potential attack.

Answer: C

Explanation:

Option A is invalid because the normal AWS Shield Service will not help in immediate action against a DDos attack. This can be done via the AWS Shield Advanced Service

Option B is invalid because this is a logging service for VPCs traffic flow but cannot specifically protect against DDos attacks.

Option D is invalid because this is a logging service for AWS Services but cannot specifically protect against DDos attacks.

The AWS Documentation mentions the following

AWS Shield Advanced provides enhanced protections for your applications running on Amazon EC2. Elastic Load Balancing (ELB), Amazon CloudFront and Route 53 against larger and more sophisticated attacks. AWS Shield Advanced is available to AWS Business Support and AWS Enterprise Support customers.

AWS Shield Advanced protection provides always-on, flow-based monitoring of network traffic and active application monitoring to provide near real-time notifications of DDos attacks. AWS Shield Advanced also gives customers highly flexible controls over attack mitigations to take actions instantly. Customers can also engage the DDos Response Team (DRT) 24X7 to manage and mitigate their application layer DDos attacks.

For more information on AWS Shield, please visit the below URL:

<https://aws.amazon.com/shield/faqs>;

The correct answer is: Consider using the AWS Shield Advanced Service Submit your Feedback/Queries to our Experts

NEW QUESTION 260

You are designing a custom IAM policy that would allow users to list buckets in S3 only if they are MFA authenticated. Which of the following would best match this requirement?

- A.
- B.
- C.
- D.

A.

Answer: A

Explanation:

The Condition clause can be used to ensure users can only work with resources if they are MFA authenticated. Option B and C are wrong since the aws:MultiFactorAuthPresent clause should be marked as true. Here you are saying that onl if the user has been MFA activated, that means it is true, then allow access.

Option D is invalid because the "boor clause is missing in the evaluation for the condition clause.

Boolean conditions let you construct Condition elements that restrict access based on comparing a key to "true" or "false."

Here in this scenario the boot attribute in the condition element will return a value True for option A which will ensure that access is allowed on S3 resources.

For more information on an example on such a policy, please visit the following URL:

NEW QUESTION 265

In your LAMP application, you have some developers that say they would like access to your logs. However, since you are using an AWS Auto Scaling group, your instances are constantly being re-created. What would you do to make sure that these developers can access these log files? Choose the correct answer from the options below

Please select:

- A. Give only the necessary access to the Apache servers so that the developers can gain access to the log files.
- B. Give root access to your Apache servers to the developers.
- C. Give read-only access to your developers to the Apache servers.
- D. Set up a central logging server that you can use to archive your logs; archive these logs to an S3 bucket for developer-access.

Answer: D

Explanation:

One important security aspect is to never give access to actual servers, hence Option A.B and C are just totally wrong from a security perspective.

The best option is to have a central logging server that can be used to archive logs. These logs can then be stored in S3.

Options A,B and C are all invalid because you should not give access to the developers on the Apache se For more information on S3, please refer to the below link

<https://aws.amazon.com/documentation/s3j>

The correct answer is: Set up a central logging server that you can use to archive your logs; archive these logs to an S3 bucket for developer-access.

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NEW QUESTION 268

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