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QUESTION 1

Your company has an EC2 Instance hosted in IAM. This EC2 Instance hosts an application. Currently this application is experiencing a number of issues. You need to inspect the network packets to see what the type of error that is occurring? Which one of the below steps can help address this issue?

Please select:

- A. Use the VPC Flow Logs.
- B. Use a network monitoring tool provided by an IAM partner.
- C. Use another instance. Setup a port to "promiscuous mode" and sniff the traffic to analyze the packets.
- D. Use Cloudwatch metric

Correct Answer: B

QUESTION 2

A company's development team is designing an application using IAM Lambda and Amazon Elastic Container Service (Amazon ECS). The development team needs to create IAM roles to support these systems. The company's security team wants to allow the developers to build IAM roles directly, but the security team wants to retain control over the permissions the developers can delegate to those roles. The development team needs access to more permissions than those required for the application's IAM services. The solution must minimize management overhead.

How should the security team prevent privilege escalation for both teams?

- A. Enable IAM CloudTrail. Create a Lambda function that monitors the event history for privilege escalation events and notifies the security team.
- B. Create a managed IAM policy for the permissions required. Reference the IAM policy as a permissions boundary within the development team's IAM role.
- C. Enable IAM Organizations Create an SCP that allows the IAM CreateUser action but that has a condition that prevents API calls other than those required by the development team
- D. Create an IAM policy with a deny on the IAMCreateUser action and assign the policy to the development team. Use a ticket system to allow the developers to request new IAM roles for their applications. The IAM roles will then be created by the security team.

Correct Answer: A

QUESTION 3

A customer has an instance hosted in the IAM 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

Correct Answer: C

Explanation: Options A and 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

QUESTION 4

A security engineer needs to build a solution to turn IAM CloudTrail back on in multiple IAM Regions in case it is ever turned off. What is the MOST efficient way to implement this solution?

- A. Use IAM Config with a managed rule to trigger the IAM-EnableCloudTrail remediation.
- B. Create an Amazon EventBridge (Amazon CloudWatch Events) event with a cloudtrail.amazonaws.com event source and a StartLogging event name to trigger an IAM Lambda function to call the StartLogging API.
- C. Create an Amazon CloudWatch alarm with a cloudtrail.amazonaws.com event source and a StopLogging event name to trigger an IAM Lambda function to call the StartLogging API.
- D. Monitor IAM Trusted Advisor to ensure CloudTrail logging is enabled.

Correct Answer: B

QUESTION 5

A security engineer is asked to update an AW3 CloudTrail log file prefix for an existing trail. When attempting to save the change in the CloudTrail console, the security engineer receives the following error message. "There is a problem with the bucket policy\\'\\'\\'

What will enable the security engineer to save the change?

- A. Create a new trail with the updated log file prefix, and then delete the original trail. Update the existing bucket policy in the Amazon S3 console with the new log file prefix, and then update the log file prefix in the CloudTrail console
- B. Update the existing bucket policy in the Amazon S3 console to allow the security engineer's principal to perform PutBucketPolicy. and then update the log file prefix in the CloudTrail console
- C. Update the existing bucket policy in the Amazon S3 console with the new log file prefix, and then update the log file prefix in the CloudTrail console.
- D. Update the existing bucket policy in the Amazon S3 console to allow the security engineer's principal to perform



GetBucketPolicy, and then update the log file prefix in the CloudTrail console

Correct Answer: C

Explanation: <https://docs.IAM.amazon.com/IAMcloudtrail/latest/userguide/create-s3-bucket-policy-for-cloudtrail.html#cloudtrail-add-change-or-remove-a-bucket-prefix>

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