AWS Certified SysOps Administrator – Associate - Demo

Version: V23.01 Demo

1 A user has created an ELB with Auto Scaling.
Which of the below mentioned offerings from ELB helps the user to stop sending new requests traffic from the load balancer to the EC2 instance when the instance is being deregistered while continuing in-flight requests?
A. ELB sticky session
B. ELB deregistration check
C. ELB connection draining
D. ELB auto registration Off

Answer: C

2 An Application Load Balancer (ALB) is configured in front of Amazon EC2 instances. The current target group health check configuration is:
* Interval: 30 seconds
* Unhealthy threshold: 10
* Healthy threshold: 5
Which steps should a SysOps Administrator take to reduce the amount of time needed to remove unhealthy instances? (Choose two.)
A. Change the healthy threshold configuration to 1.
B. Change the interval configuration to 15.
C. Change the interval configuration to 60.
D. Change the unhealthy threshold configuration to 15.
E. Change the unhealthy threshold configuration to 5.

Answer: BE

3 An organization created an Amazon Elastic File System (Amazon EFS) volume with a file system ID of fs-85baf1fc, and it is actively used by 10 Amazon EC2 hosts. The organization has become concerned that the file system is not encrypted.
How can this be resolved?

A. Enable encryption on each hosts connection to the Amazon EFS volume Each connection must be recreated for encryption to take effect
B. Enable encryption on the existing EFS volume by using the AWS Command Line Interface
C. Enable encryption on each host's local drive Restart each host to encrypt the drive
D. Enable encryption on a newly created volume and copy all data from the original volume Reconnect each host to the new volume

Answer: D

4 A SysOps administrator is re-architecting an application. The SysOps administrator has moved the database from a public subnet, where the database used a public endpoint, into a private subnet to restrict access from the public network. After this change, an AWS Lambda function that requires read access to the database cannot connect to the database. The SysOps administrator must resolve this issue without compromising security.
Which solution meets these requirements?
A. Create an AWS PrivateLink interface endpoint for the Lambda function. Connect to the database using its private endpoint.
B. Connect the Lambda function to the database VPC. Connect to the database using its private endpoint.
C. Attach an IAM role to the Lambda function with read permissions to the database.
D. Move the database to a public subnet. Use security groups for secure access.

Answer: D

5 A SysOps Administrator manages an Amazon RDS MySQL DB instance in production. The database is accessed by several applications. The Administrator needs to ensure minimal downtime of the applications in the event the database suffers a failure. This change must not impact customer use during regular business hours.
Which action will make the database MORE highly available?
A. Contact AWS Support to pre-warm the database to ensure that it can handle any unexpected spikes in traffic
B. Create a new Multi-AZ RDS DB instance. Migrate the data to the new DB instance and delete the old one
C. Create a read replica from the existing database outside of business hours
D. Modify the DB instance to outside of business hours be a Multi-AZ deployment

Answer: D

6 You have been asked to propose a multi-region deployment of a web-facing application where a controlled portion of your traffic is being processed by an alternate region.
Which configuration would achieve that goal?
A. Route53 record sets with weighted routing policy
B. Route53 record sets with latency based routing policy
C. Auto Scaling with scheduled scaling actions set
D. Elastic Load Balancing with health checks enabled

Answer: A

7 While creating the wait condition resource in AWS CloudFormation, a SysOps Administrator receives the error "received 0 signals out of the 1 expected from the EC2 instance".
What steps should be taken to troubleshoot this issue? (Choose two.)
A. Confirm from the cfn logs that the cfn-signal command was successfully run on the instance.
B. Try to re-create the stack with a different IAM user.
C. Check that the instance has a route to the Internet through a NAT device.
D. Update the AWS CloudFormation stack service role to have iam:PassRole permission.
E. Delete the existing stack and attempt to create a new once.

Answer: AD

8 A user has created an application which will be hosted on EC2. The application makes API calls to DynamoDB to fetch certain data. The application running on this instance is using the SDK for making these calls to DynamoDB. Which of the below mentioned statements is true with respect to the best practice for security in this scenario?
A. The user should create an IAM user with permissions to access DynamoDB and use its credentials within the application for connecting to DynamoDB

B. The user should create an IAM user with DynamoDB and EC2 permissions. Attach the user with the application so that it does not use the root account credentials

C. The user should attach an IAM role to the EC2 instance with necessary permissions for making API calls to DynamoDB.

D. The user should create an IAM role with EC2 permissions to deploy the application

Answer: C

9 What does Amazon SES provide?

A. A managed Email Server

B. A scalable anti-spam service

C. A scalable email sending and receiving service

D. A managed drag-and-drop interface with the AWS CloudFormation Designer

Answer: C