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QUESTION 1

A developer wants to deploy a new version of an AWS Elastic Beanstalk application. During deployment, the application must maintain full capacity and avoid service interruption. Additionally, the developer must minimize the cost of additional resources that support the deployment.

Which deployment method should the developer use to meet these requirements?

A. All at once

B. Rolling with additional batch

C. Blue/green

D. Immutable

Correct Answer: B

QUESTION 2

A developer built an application that calls an external API to obtain data, processes the data, and saves the result to Amazon S3. The developer built a container image with all of the necessary dependencies to run the application as a

container.

The application runs locally and requires minimal CPU and RAM resources. The developer has created an Amazon ECS cluster. The developer needs to run the application hourly in Amazon Elastic Container Service (Amazon ECS).

Which solution will meet these requirements with the LEAST amount of infrastructure management overhead?

A. Add a capacity provider to manage instances.

B. Add an Amazon EC2 instance that runs the application.

C. Define a task definition with an AWS Fargate launch type.

D. Create an Amazon ECS cluster and add the managed node groups feature to run the application.

Correct Answer: D

QUESTION 3

A company has an online web application that includes a product catalog. The catalog is stored in an Amazon S3 bucket that is named DOC-EXAMPLE-BUCKET. The application must be able to list the objects in the S3 bucket and must be able to download objects through an IAM policy.

Which policy allows MINIMUM access to meet these requirements?

A.

```json
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Action": "s3:ListBucket",
      "Resource": "arn:aws:s3:::DOC-EXAMPLE-BUCKET"
    },
    {
      "Effect": "Allow",
      "Action": [
        "s3:GetObject"
      ],
      "Resource": "arn:aws:s3:::DOC-EXAMPLE-BUCKET/*"
    }
  ]
}
```

B.

```json
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Action": "s3:ListBucket",
      "Resource": "arn:aws:s3:::DOC-EXAMPLE-BUCKET"
    },
    {
      "Effect": "Allow",
      "Action": [
        "s3:*"
      ],
      "Resource": "arn:aws:s3:::DOC-EXAMPLE-BUCKET/*"
    }
  ]
}
```

```json
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Action": "s3:ListBucket",
      "Resource": "arn:aws:s3:::DOC-EXAMPLE-BUCKET"
    },
    {
```

```
C.        "Effect": "Allow",
          "Action":[
            "s3:GetObject",
            "s3:PutObject",
            "s3:DeleteObject"
          ],
          "Resource": "arn:aws:s3:::DOC-EXAMPLE-BUCKET/*"
        }
      ]
    }

    {
      "Version": "2012-10-17",
      "Statement": [
        {
          "Effect": "Allow",
          "Action":"s3:ListBucket",
          "Resource": "arn:aws:s3:::DOC-EXAMPLE-BUCKET"
        },
D.      {
          "Effect": "Deny",
          "Action": [
            "s3:GetObject"
          ],
          "Resource": "arn:aws:s3:::DOC-EXAMPLE-BUCKET/*"
        }
      ]
    }
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A

QUESTION 4

A company uses Amazon DynamoDB as a data store for its order management system. The company frontend application stores orders in a DynamoDB table. The DynamoDB table is configured to send change events to a DynamoDB stream. The company uses an AWS Lambda function to log and process the incoming orders based on data from the DynamoDB stream.

An operational review reveals that the order quantity of incoming orders is sometimes set to 0. A developer needs to create a dashboard that will show how many unique customers this problem affects each day.

What should the developer do to implement the dashboard?

A. Grant the Lambda function\\\'s execution role permissions to upload logs to Amazon CloudWatch Logs. Implement a CloudWatch Logs Insights query that selects the number of unique customers for orders with order quantity equal to 0 and groups the results in 1-day periods. Add the CloudWatch Logs Insights query to a CloudWatch dashboard.

B. Use Amazon Athena to query AWS CloudTrail API logs for API calls. Implement an Athena query that selects the number of unique customers for orders with order quantity equal to 0 and groups the results in 1-day periods. Add the Athena query to an Amazon CloudWatch dashboard.

C. Configure the Lambda function to send events to Amazon EventBridge. Create an EventBridge rule that groups the number of unique customers for orders with order quantity equal to 0 in 1-day periods. Add a CloudWatch dashboard as the target of the rule.

D. Turn on custom Amazon CloudWatch metrics for the DynamoDB stream of the DynamoDB table. Create a CloudWatch alarm that groups the number of unique customers for orders with order quantity equal to 0 in 1-day periods. Add the CloudWatch alarm to a CloudWatch dashboard.

Correct Answer: A

QUESTION 5

A company moved some of its secure files to a private Amazon S3 bucket that has no public access. The company wants to develop a serverless application that gives its employees the ability to log in and securely share the files with other users.

Which AWS feature should the company use to share and access the files securely?

A. Amazon Cognito user pool

B. S3 presigned URLs

C. S3 bucket policy

D. Amazon Cognito identity pool

Correct Answer: B