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QUESTION 1

A colleague is attempting to launch several new CloudFormation stacks, and receives the following error response:

```
<Error>
     <Type> Sender</Type>
     <Code>Throttling</Code>
     <Message>Rate exceeded</Message>
</Error>
```

What should be done to address the error?

A. Add a Pause to the CloudFormation templates.

B. Add an exponential backoff between CreateStack API calls.

C. Run the CloudFormation API calls from a larger Amazon EC2 instance.

D. Combine stack templates into one, and retry the CreateStack API call.

Correct Answer: B

Reference: https://forums.aws.amazon.com/thread.jspa?threadID=100414

QUESTION 2

A sys admin is maintaining an application on AWS. The application is installed on EC2 and user has configured ELB and Auto Scaling. Considering future load increase, the user is planning to launch new servers proactively so that they get registered with ELB. How can the user add these instances with Auto Scaling?

A. Increase the desired capacity of the Auto Scaling group

B. Increase the maximum limit of the Auto Scaling group

C. Launch an instance manually and register it with ELB on the fly

D. Decrease the minimum limit of the Auto Scaling group

Correct Answer: A

Explanation: A user can increase the desired capacity of the Auto Scaling group and Auto Scaling will launch a new instance as per the new capacity. The newly launched instances will be registered with ELB if Auto Scaling group is configured with ELB. If the user decreases the minimum size the instances will be removed from Auto Scaling. Increasing the maximum size will not add instances but only set the maximum instance cap.

QUESTION 3

Amazon S3 provides a number of security features for protection of data at rest, which you can use or not, depending on your threat profile. What feature of S3 allows you to create and manage your own encryption keys for sending data?

A. Client-side Encryption

B. Network traffic protection

C. Data integrity compromise

D. Server-side Encryption

Correct Answer: A

Explanation: With client-side encryption you create and manage your own encryption keys. Keys you create are not exported to AWS in clear text. Your applications encrypt data before submitting it to Amazon S3, and decrypt data after receiving it from Amazon S3. Data is stored in an encrypted form, with keys and algorithms only known to you. While you can use any encryption algorithm, and either symmetric or asymmetric keys to encrypt the data, the AWS-provided Java SDK offers Amazon S3 client-side encryption features. Reference: https://d0.awsstatic.com/whitepapers/aws-security-best-practices.pdf

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QUESTION 4

Where is an object stored in Amazon S3?

A. in a Bucket

B. in a Collector

C. in an Archive

D. in a Vault

Correct Answer: A

Explanation:

Every object in Amazon S3 is stored in a bucket. Before you can store data in Amazon S3, you must

create a bucket.

Reference: http://docs.aws.amazon.com/AmazonS3/latest/gsg/CreatingABucket.html

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QUESTION 5

The CFO of a company wants to allow one of his employees to view only the AWS usage report page. Which of the below mentioned IAM policy statements allows the user to have access to the AWS usage report page?

A. "Effect": "Allow", "Action": ["Describe"], "Resource": "Billing"

B. "Effect": "Allow", "Action": ["AccountUsage], "Resource": "*"

C. "Effect": "Allow", "Action": ["aws-portal:ViewUsage"], "Resource": "*"

D. "Effect": "Allow", "Action": ["aws-portal: ViewBilling"], "Resource": "*"

Correct Answer: C

Explanation:

AWS Identity and Access Management is a web service which allows organizations to manage users and

user permissions for various AWS services. If the CFO wants to allow only AWS usage report page

access, the policy for that IAM user will be as given below:

```
{
"Version": "2012-10-17",
"Statement": [
{
"Effect": "Allow",
"Action": [
"aws-portal:ViewUsage"
],
"Resource": "*"
}
]
}
```

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