

# Latest Version: 6.0

## Question: 1

The security team is concerned because the number of AWS Identity and Access Management (IAM) policies being used in the environment is increasing. The team tasked a SysOps administrator to report on the current number of IAM policies in use and the total available IAM policies.

Which AWS service should the administrator use to check how current IAM policy usage compares to current service limits?

- A. AWS Trusted Advisor
- B. Amazon Inspector
- C. AWS Config
- D. AWS Organizations

**Answer: A**

## Question: 2

A company has a stateless application that is hosted on a fleet of 10 Amazon EC2 On-Demand Instances in an Auto Scaling group. A minimum of 6 instances are needed to meet service requirements.

Which action will maintain uptime for the application MOST cost-effectively?

- A. Use a Spot Fleet with an On-Demand capacity of 6 instances.
- B. Update the Auto Scaling group with a minimum of 6 On-Demand Instances and a maximum of 10 On-Demand Instances.
- C. Update the Auto Scaling group with a minimum of 1 On-Demand Instance and a maximum of 6 On-Demand Instances.
- D. Use a Spot Fleet with a target capacity of 6 instances.

**Answer: A**

## Question: 3

A SysOps administrator has launched a large general purpose Amazon EC2 instance to regularly process large data files. The instance has an attached 1 TB General Purpose SSD (gp2) Amazon Elastic Block Store (Amazon EBS) volume. The instance also is EBS-optimized. To save costs, the SysOps administrator stops the instance each evening and restarts the instance each morning.

When data processing is active, Amazon CloudWatch metrics on the instance show a consistent 3,000 VolumeReadOps. The SysOps administrator must improve the I/O performance while ensuring data integrity.

Which action will meet these requirements?

- A. Change the instance type to a large, burstable, general purpose instance.
- B. Change the instance type to an extra large general purpose instance.
- C. Increase the EBS volume to a 2 TB General Purpose SSD (gp2) volume.
- D. Move the data that resides on the EBS volume to the instance store.

**Answer: C**

### Question: 4

With the threat of ransomware viruses encrypting and holding company data hostage, which action should be taken to protect an Amazon S3 bucket?

- A. Deny Post, Put, and Delete on the bucket.
- B. Enable server-side encryption on the bucket.
- C. Enable Amazon S3 versioning on the bucket.
- D. Enable snapshots on the bucket.

**Answer: B**

### Question: 5

A SysOps administrator is evaluating Amazon Route 53 DNS options to address concerns about high availability for an on-premises website. The website consists of two servers: a primary active server and a secondary passive server. Route 53 should route traffic to the primary server if the associated health check returns 2xx or 3xx HTTP codes. All other traffic should be directed to the secondary passive server. The failover record type, set ID, and routing policy have been set appropriately for both primary and secondary servers.

Which next step should be taken to configure Route 53?

- A. Create an A record for each server. Associate the records with the Route 53 HTTP health check.
- B. Create an A record for each server. Associate the records with the Route 53 TCP health check.
- C. Create an alias record for each server with evaluate target health set to yes. Associate the records with the Route 53 HTTP health check.
- D. Create an alias record for each server with evaluate target health set to yes. Associate the records with the Route 53 TCP health check.

**Answer: A**