

Amazon Glacier is designed for: (Choose 2 answers)

- A. active database storage.
- B. infrequently accessed data.
- C. data archives.
- D. frequently accessed data.
- E. cached session data.

Your web application front end consists of multiple EC2 instances behind an Elastic Load Balancer. You configured ELB to perform health checks on these EC2 instances. If an instance fails to pass health checks, which statement will be true?

- A. The instance is replaced automatically by the ELB.
- B. The instance gets terminated automatically by the ELB.
- C. The ELB stops sending traffic to the instance that failed its health check.
- D. The instance gets quarantined by the ELB for root cause analysis.

You are building a system to distribute confidential training videos to employees. Using CloudFront, what method could be used to serve content that is stored in S3, but not publically accessible from S3 directly?

- A. Create an Origin Access Identity (OAI) for CloudFront and grant access to the objects in your S3 bucket to that OAI.
- B. Add the CloudFront account security group “amazon-cf/amazon-cf-sg” to the appropriate S3 bucket policy.
- C. Create an Identity and Access Management (IAM) User for CloudFront and grant access to the objects in your S3 bucket to that IAM User.
- D. Create a S3 bucket policy that lists the CloudFront distribution ID as the Principal and the target bucket as the Amazon Resource Name (ARN).

Which of the following will occur when an EC2 instance in a VPC (Virtual Private Cloud) with an associated Elastic IP is stopped and started? (Choose 2 answers)

- A. The Elastic IP will be dissociated from the instance
- B. All data on instance-store devices will be lost
- C. All data on EBS (Elastic Block Store) devices will be lost
- D. The ENI (Elastic Network Interface) is detached
- E. The underlying host for the instance is changed

In the basic monitoring package for EC2, Amazon CloudWatch provides the following metrics:

- A. web server visible metrics such as number failed transaction requests
- B. operating system visible metrics such as memory utilization
- C. database visible metrics such as number of connections
- D. hypervisor visible metrics such as CPU utilization

Which is an operational process performed by AWS for data security?

- A. AES-256 encryption of data stored on any shared storage device
- B. Decommissioning of storage devices using industry-standard practices
- C. Background virus scans of EBS volumes and EBS snapshots
- D. Replication of data across multiple AWS Regions
- E. Secure wiping of EBS data when an EBS volume is unmounted

To protect S3 data from both accidental deletion and accidental overwriting, you should:

- A. enable S3 versioning on the bucket
- B. access S3 data using only signed URLs
- C. disable S3 delete using an IAM bucket policy
- D. enable S3 Reduced Redundancy Storage
- E. enable Multi-Factor Authentication (MFA) protected access