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AWS Week 2 Quiz

Type	:	Graded Quiz
Attempts	:	1/3
Questions	:	10
Time	:	30m
Scoring Policy	:	Highest Score
Due Date	:	May 10, 11:00 PM
Your Score	:	20/25

Instructions[RETAKE](#)

Attempt History

Attempt #1

May 02, 4:38 PM

Marks: 20



Q No: 1

[Correct Answer](#)

File sharing system that provides massively parallel shared access to thousands of Amazon EC2 instances with minimal latency

☐ EBS☐ S3☐ Instance Store

☒ EFS

You Selected

Q No: 2

Correct Answer

Web apps from one domain can interact with S3 in another domain using

☐ Bucket Policy☐ Roles☐ This is not possible☒ CORS

You Selected

Q No: 3

Correct Answer

What storage is the best to host a static website?

☐ EFS☐ Instance Store☐ EBS☒ S3

You Selected

Q No: 4

Correct Answer

As an educational organization, which of the following storage options would you use to store records of past students that have to be retrieved only once a year for alumni meets?

☐ Reduced Redundancy Storage

☒ Standard-Infrequent Access

You Selected

☐ Tape Storage on Prem

☐ Standard

Explanation. Standard-Infrequent Access storage will provide the most cost-effective storage for data which is not retrieved frequently while providing the same resiliency as Standard storage

Q No: 5

Incorrect Answer

Let's assume a manually created target group of 5 EC2 instances, monitored for autoscaling with a minimum contribution of 2 instances and a step size of 1 instance for scaling up and down. What is the minimum number of EC2 instances that will be active at any point of time in the target group if utilization thresholds are not breached?

☐ None of these

☐ 5

☐ 7

☒ 2

You Selected

Explanation: Number of instances = $5(\text{Manually created}) + 2(\text{Minimum contribution from the autoscaling group}) = 7$

Q No: 6

Correct Answer

A startup XYZ is launching its web server on cloud. It is not sure of the total number of users accessing the system it will experience but do not want to risk their services slowing down. What should they use?

☐ Reserved instances

☐ General purpose I/O

☐ Load Balancing

☒ Autoscaling

You Selected

Q No: 7

Correct Answer

Which of the following options is best to check for an added object in an S3 bucket?

☐ Use a Python script with an infinite loop

☒ Set up an event notification for a PUT event

You Selected

☐ None of these

☐ Set up a cron job in a bash script to count the number of objects in the bucket

Explanation: SNS notifications can be set up to send an alert whenever an object is added to a bucket in S3.

Q No: 8

Correct Answer

As a corporation with a large number of developers using the AWS CLI tool, which of the following would be the best way to store their access credentials as a backup?

☐ Upload all credential files into a shared public Github repository

☐ Let each developer decide how they want to store it

☐ Stored in a plaintext file on the employee's desktop.

☒ Stored on dedicated encrypted drives on the company server

You Selected

Explanation: Access credentials are supposed to be protected with the utmost secrecy and care should be taken that they are not misplaced or easily retrievable.

Q No: 9

Incorrect Answer

For a sensor network which transmits daily data to be collected by an application server at predictable intervals, which of the following autoscaling policies would be a better fit to meet this type of workload?

☐ Set to a fixed value

☒ None of these

You Selected

☐ Variable group size

☐ Scale by percentage

Explanation: For predictable workload spikes, a fixed increase in the number of servers would yield better results than scaling as required

Q No: 10

Correct Answer

Which of the following storage solutions would be a better fit for a distributed application spanning a large number of EC2 instances and performing in-memory analytics jobs on a large dataset.

☐ Instance Store☐ None of these☒ EFS

You Selected

☐ EBS

Explanation: EFS is perfect for high I/O jobs spanning multiple servers or instances

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