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EXAM AZ-900 TOPIC 1 QUESTION 2 DISCUSSION

Actual exam question from Microsoft's AZ-900
Question #: 2
Topic #: 1
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Your company has datacenters in Los Angeles and New York. The company has a Microsoft Azure subscription.
You are configuring the two datacenters as geo-clustered sites for site resiliency.
You need to recommend an Azure storage redundancy option.
You have the following data storage requirements:
- Data must be stored on multiple nodes.
- Data must be stored on nodes in separate geographic locations.
- Data can be read from the secondary location as well as from the primary location

Which of the following Azure stored redundancy options should you recommend?

A. Geo-redundant storage

B. Read-only geo-redundant storage

C. Zone-redundant storage

D. Locally redundant storage

Show Suggested Answer

by BinuRaj at *July 2, 2021, 2:48 p.m.*

Comments

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BinuRaj Highly Voted 1 month ago

Answer is correct.
Geo-redundant storage (with GRS or GZRS) replicates your data to another physical location in the secondary region to protect against regional outages. However, that data is available to be read only if the customer or Microsoft initiates a failover from the primary to secondary region. When you enable read access to the secondary region, your data is available to be read at all times, including in a situation where the primary region becomes unavailable. For read access to the secondary region, enable read-access geo-redundant storage (RA-GRS) or read-access geo-zone-redundant storage (RA-GZRS).

upvoted 96 times

scab Highly Voted 3 years, 3 months ago

I think it 's a mistake, it should be "B. Read-access geo-redundant storage" instead of "B. Read-only geo-redundant storage"

upvoted 60 times

Alsari Most Recent 1 month, 1 week ago

Is should be Read-Access not Read Only

upvoted 1 times

IPv4IPv6 1 week, 3 days ago

Read access to data in the secondary region

Geo-redundant storage (with GRS or GZRS) replicates your data to another physical location in the secondary region to protect against regional outages. However, that data is available to be read only if the customer or Microsoft initiates a failover from the primary to secondary region. However, if you enable read access to the secondary region, your data is always available, even when the primary region is running optimally. For read access to the secondary region, enable read-access geo-redundant storage (RA-GRS) or read-access geo-zone-redundant storage (RA-GZRS).

upvoted 1 times

ssssw 1 month, 2 weeks ago

Read-only geo-redundant storage

upvoted 1 times

ssssw 1 month, 2 weeks ago

It should be B

upvoted 1 times

shahrzadkhb 3 months, 3 weeks ago

Selected Answer: B

The correct answer would be B. For read access to the secondary region, enable read-access geo-redundant storage (RA-GRS) or read-access geo-zone-redundant storage (RA-GZRS).
Link to the reference:
https://learn.microsoft.com/en-us/training/modules/describe-azure-storage-services/3-redundancy

upvoted 2 times

Stel0Papad4 6 months, 1 week ago

Shouldn't be RA-GZRS (Read-Access Geo-Zone-Redundant Storage)? Cause it actually says that it need to be stored in multiple nodes, so it has to has the Zone Redundant aspect in it.

upvoted 2 times

PPV20 7 months, 1 week ago

Option B. since by default, we cannot read from secondary region unless there is a failover. RA-GRS and RA-GZRS allows read option from secondary region without a failover.

upvoted 2 times

MAFA56 7 months, 3 weeks ago

Selected Answer: B

B is correct
Read access to data in the secondary region
Geo-redundant storage (with GRS or GZRS) replicates your data to another physical location in the secondary region to protect against regional outages. However, that data is available to be read only if the customer or Microsoft initiates a failover from the primary to secondary region. However, if you enable read access to the secondary region, your data is always available, even when the primary region is running optimally. For read access to the secondary region, enable read-access geo-redundant storage (RA-GRS) or read-access geo-zone-redundant storage (RA-GZRS).

upvoted 2 times

thaj_rasasaa 7 months, 3 weeks ago

thej_raaaaas 7 months, 3 weeks ago

Selected Answer: B

specially it has multiple location, and data should be read form

upvoted 1 times

AparnaBavanari 8 months, 2 weeks ago

Geo-redundant Storage

upvoted 1 times

ipereira 12 months ago

Selected Answer: B

answer is B

upvoted 3 times

Octy7408 1 year ago

B. Read-only geo-redundant storage

upvoted 1 times

LoneJando 1 year ago

B = RA-GRS is the correct answer

upvoted 1 times

SAFM 1 year, 1 month ago

Answer B is correct:
"Geo-redundant storage (with GRS or GZRS) replicates your data to another physical location in the secondary region to protect against regional outages. However, that data is available to be read only if the customer or Microsoft initiates a failover from the primary to secondary region. However, if you enable read access to the secondary region, your data is always available, even when the primary region is running optimally. For read access to the secondary region, enable read-access geo-redundant storage (RA-GRS) or read-access geo-zone-redundant storage (RA-GZRS)."
https://learn.microsoft.com/en-us/training/modules/describe-azure-storage-services/3-redundancy

upvoted 2 times

AntonioTech 1 year, 1 month ago

Selected Answer: A

Given the data storage requirements you've provided, the most suitable Azure storage redundancy option would be:

A. Geo-redundant storage

Geo-redundant storage replicates your data to a secondary region, which is a separate geographic location. This meets the requirement of storing data on nodes in separate geographic locations. Additionally, geo-redundant storage allows you to read data from both the primary and secondary locations, which satisfies the requirement of being able to read data from the secondary location as well.

The other options:

B. Read-only geo-redundant storage: While this option provides read access to the secondary location, it doesn't store data on nodes in separate geographic locations.

C. Zone-redundant storage: This option replicates data within a single region across multiple Availability Zones, but it doesn't meet the requirement of storing data in separate geographic locations.

D. Locally redundant storage: This option replicates data within a single datacenter in a region, which doesn't fulfill the requirement of storing data on nodes in separate geographic locations.

So, the recommended option is A. Geo-redundant storage.

upvoted 6 times

guru_ji 1 year, 2 months ago

Selected Answer: B

the answer is B.

upvoted 3 times

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