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Exam AZ-900 All Questions

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EXAM AZ-900 TOPIC 1 QUESTION 383 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 383

Topic #: 1

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How many copies of data are maintained by an Azure Storage account that uses geo-redundant storage (GRS)?

- A. 3
- B. 4
- C. 6
- D. 9

Show Suggested Answer

by [wyderro](#) at Aug. 30, 2022, 11:16 p.m.

Comments

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[wyderro](#) Highly Voted 2 years, 1 month ago

Wrong, C is correct: <https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy#geo-redundant-storage> "Geo-redundant storage (GRS) copies your data synchronously three times within a single physical location in the primary region using LRS. It then copies your data asynchronously to a single physical location in a secondary region that is

hundreds of miles away from the primary region."

? ? ? upvoted 32 times

? ? **slayerdrum** 2 years, 1 month ago

I agree. There are 6 instances of the data

? ? ? upvoted 2 times

? ? **ClaGar** **Highly Voted** ? 1 year, 5 months ago

Fortunately, right answers are found in this discussion with reference to appropriate Microsoft documentation. Thanks you vauable Contributors.

? ? ? upvoted 21 times

? ? **zimzimzimma** 1 year, 3 months ago

My experience is that examtopics.com is one of the best, if not the best, site for exam preparations. Contributor access is well worth the money.

Do not buy so called 'legit and up to date' practice exams from other sites. I fell for that trap a few times and they all contained errors and/or were ripoffs.

? ? ? upvoted 8 times

? ? **JohannesV** 1 year, 5 months ago

Yes, thanks to all and also, I knew the answer was C from studying the material.

? ? ? upvoted 4 times

? ? **darthhansie** **Most Recent** ? 2 months, 4 weeks ago

Selected Answer: C

Secondary Region:

GRS then copies your data asynchronously to a single physical location in a secondary region.

The secondary region is geographically distant from the primary region (often hundreds of miles away).

Within the secondary region, your data is also copied synchronously three times.

? ? ? upvoted 1 times

? ? **e3ddceb** 3 months, 1 week ago

C. 6

Geo-redundant storage (GRS) in Azure Storage maintains six copies of data. Here's how it works:

Three copies of the data are kept in the primary region. These copies are distributed across different fault domains and update domains to ensure high availability and durability.

Another three copies are kept in a secondary region far away from the primary region. This is done for disaster recovery purposes. If the primary region becomes unavailable due to a major incident or disaster, Azure Storage will failover to the secondary region.

So in total, GRS maintains six copies of data.

? ? ? upvoted 1 times

? ? **Mikalai271** 3 months, 1 week ago

This question was in my exam on July 3, 2024.

? ? ? upvoted 1 times

? ? **raj_s** 3 months, 1 week ago

Many people have voted ANSWER C but according to the CHATGPT answer is B

? ? ? upvoted 1 times

? ? **siculoct** 4 months, 3 weeks ago

Is C - 6 copies

? ? ? upvoted 1 times

? ? **dayotee** 6 months, 1 week ago

Here is the reply I got from Copilot: "In summary, GRS maintains three synchronous copies of your data in the primary region and an additional asynchronous copy in a secondary region, ensuring robust data redundancy and resilience". That means the answer is 3 copies (A) as you only maintain 3 while others are replicas.

? ? ? upvoted 2 times

? ? **SRIRAMTRAININGSG** 6 months, 2 weeks ago

Selected Answer: C

<https://learn.microsoft.com/en-us/azure/storage/files/files-redundancy>

states clearly that for GRS: Six copies total, including three in the primary region and three in the secondary region

? ? ? upvoted 3 times

? ? **b76e714** 7 months, 2 weeks ago

Selected Answer: C



3 copies in LRS * 2 = GRS

   upvoted 1 times

  **Ravicti2000** 9 months, 1 week ago

Got this question today - 12 Jan 2024 !



   upvoted 2 times

  **LaReis** 9 months, 2 weeks ago

O Armazenamento do Azure oferece duas opções para copiar seus dados para uma região secundária:

O armazenamento com redundância geográfica (GRS) copia seus dados de forma síncrona TRÊS vezes em um único local físico na região primária usando o LRS. Fonte: <https://learn.microsoft.com/pt-br/azure/storage/common/storage-redundancy>



   upvoted 1 times

  **92786cf** 9 months, 3 weeks ago

why dont they verify the answers before publishing at least for paid subscribers?

it's a lot wrong answers and we have to deep dive to the comments..

   upvoted 2 times



  **DallasM** 11 months, 4 weeks ago

Selected Answer: C

6 copies.


ZRS in primary region (3 copies across 3 availability zones) and LRS in secondary region (3 copies in same availability zone)

   upvoted 1 times

  **DallasM** 11 months, 4 weeks ago

Oops sorry LRS in both. For some reason was thinking GZRS.

   upvoted 1 times

  **Vitos25** 1 year ago

Answer should be 6

[https://mycloudit.com/blog/5-must-know-facts-about-microsoft-azure#:~:text=Azure%20Storage%20will%20maintain%20at,storage%20\(RA%2DGRS\).](https://mycloudit.com/blog/5-must-know-facts-about-microsoft-azure#:~:text=Azure%20Storage%20will%20maintain%20at,storage%20(RA%2DGRS).)

   upvoted 1 times

  **x_Examinator_x** 1 year ago

Selected Answer: C

it's 6x

   upvoted 1 times

  **DimsumDestroyer** 1 year, 2 months ago

Selected Answer: C

6 data copies. GRS is replicating in two regions, and in each region a physical location which replicates 3 times each. $2 \times 3 = 6$.

   upvoted 1 times

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