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Exam AZ-900 All Questions

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EXAM AZ-900 TOPIC 1 QUESTION 108 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 108

Topic #: 1

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HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Availability zones can be implemented in all Azure regions.	<input type="radio"/>	<input type="radio"/>
Only virtual machines that run Windows Server can be created in availability zones.	<input type="radio"/>	<input type="radio"/>
Availability zones are used to replicate data and applications to multiple regions.	<input type="radio"/>	<input type="radio"/>

Show Suggested Answer

by [kongf](#) at March 16, 2021, 12:32 p.m.

Comments

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  **Rpr_c** Highly Voted  3 years, 4 months ago

Correct Answer. No, No, No

1.)Not all Regions support Availability zones

3.)Availability zones are used to replicate data and applications in the same region(and not multiple regions)

   upvoted 102 times

  **Duke_Lew** 2 years, 10 months ago

You are right, answer as No, No, No.

3. Each region is separate and availability zones only work for a particular region. You can't use them to replicate data across regions.

   upvoted 4 times

  **jurimec** Highly Voted  3 years, 7 months ago

No

No

Yes

   upvoted 18 times

  **Harry28731** 2 years, 10 months ago

Question 3 is NO.

To all people saying YES to question 3. Stop Please. Availability Zones are used WITHIN a region. So stop saying that it is used to replicate data accross multiple regions.

See <https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy>

LRS : Within a datacenter, within a azone

ZRS : Within a zone, within a region

GRS : To a secondary region ("region pair")

GZRS : ZRS + GRS.

   upvoted 40 times

  **Yomzie** 7 months ago

LRS: Locally redundant; within ONE data center in an Availability Zone.

ZRS: Spans the 3 AZ within a Region (that's why it's called "Zone Redundant"

GRS: Exists in ONE AZ (data center) of a REGION, and another AZ (data center) of a secondary REGION ("Geo-location" Redundant).

GZRS: Spans the 3 AZ within a Region, and asynchronously replicated to another AZ in a secondary Region.

   upvoted 1 times

  **vishnut1986** 7 months, 2 weeks ago

c is NO as we see in diagram on MS module too, AVZs within single region only replicate data within each other, else not.

   upvoted 1 times

  **FabiZamora93** 3 years, 6 months ago




They are saying how they are used not what they are. I believe the answer explains what they are but not their purpose (which is the point of the question). Availability zones are used to replicate your data in different physical locations and I can choose to locate my data in 2 different regions to ensure high availability

   upvoted 3 times

  **Amedeou** 1 year, 9 months ago

Not every region has multiple Availability Zone. Some regions may have only one Availability Zone. One can run both Linux and Windows virtual machines created in the availability zone. Availability zones are used to replicate data and applications in the same region

   upvoted 4 times

  **Mitra_1** Most Recent  1 week, 6 days ago

Correct ans: N,N,N

For 3rd Q: Availability Zones are physically separated locations within a single Azure region. For example, if you have an Azure region such as "East US," it may have three Availability Zones (Zone 1, Zone 2, and Zone 3) that are independent of each other.

Availability Zones = Same Region: Availability Zones are utilized for providing high availability and disaster recovery solutions within the same Azure region. They do not replicate data or applications across different regions; instead, they provide redundancy within that single region.

   upvoted 1 times

  **FSChaves** 3 months ago

The first statement is incorrect. All Azure regions have Availability zones, but not all regions support all services.

   upvoted 1 times

  **gaurav_currency** 3 months, 2 weeks ago

Not all Regions support availability zones ,
no no and no

   upvoted 1 times

  **ptaljove** 4 months ago

On Exam Jun/24

   upvoted 1 times

  **VaibhavGawali** 4 months, 1 week ago

NNN is correct answer:

1. No: Not all Azure regions currently support availability zones. Microsoft continues to expand availability zone support across more regions, but as of now, they are available only in select regions.
2. No. Availability zones support virtual machines running both Windows and Linux operating systems. They are not limited to just Windows Server.
3. No: Availability zones are used to replicate data and applications within the same Azure region to provide high availability and fault tolerance. Replicating data and applications to multiple regions is typically handled by other services such as Azure's paired regions or geo-redundant storage.

   upvoted 2 times

  **wsjones** 12 months ago


This showed up today. Had 36 questions and scored an 857, and the questions here were all covered on the test! I did answer this one correctly.

   upvoted 1 times

  **RamBM** 1 year ago

No, No, No

   upvoted 1 times

  **Veerti** 1 year, 1 month ago

Correct No,No,No

   upvoted 3 times

  **ltp1120** 1 year, 3 months ago

exactly

   upvoted 2 times

  **Vibhu123** 1 year, 3 months ago

Region Pairs are used to replicate data and application to multiple regions not availability zones

   upvoted 2 times

  **msmt** 1 year, 3 months ago

in the exam on 29jun2023

   upvoted 5 times

  **petebear55** 1 year, 4 months ago

Technically if you put yes for 3 you would be correct, another example of poorly written question

   upvoted 2 times

  **dolly79** 1 year, 10 months ago

Got this on 11/29/2022

   upvoted 3 times

  **RichMelbourne** 1 year, 11 months ago

this question in in exam 21/11/2022

   upvoted 1 times

  **CloudGoddess** 1 year, 11 months ago

This came up on 11-16-22. N N N.

Not all regions support Availability Zones; Linux and other non-VM resources are allowed in AZ; Replicate within region.

   upvoted 4 times

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