EXAMTOPICS

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⬅ **Microsoft Discussions**

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📄 EXAM AZ-900 TOPIC 1 QUESTION 120 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 120

Topic #: 1

[All AZ-900 Questions]

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
If you have Azure resources deployed to every region, you can implement availability zones in all the regions.	○	○
Only virtual machines that run Windows Server can be created in availability zones.	○	○
Availability zones are used to replicate data and applications to multiple regions.	○	○

Show Suggested Answer

by [deleted] at *Oct. 10, 2019, 1:32 p.m.*

Comments

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⊟ 👤 **rrtafe** `Highly Voted 👍` 4 years, 3 months ago

NO-NO-NO
1-Not every region has multiple Availability Zone. Some regions may have only one Availability Zone.
2-One can run both Linux and Windows virtual machines created in the availability zone.
3-Availability zones are used to replicate data and applications in the same region.

👍 ↩ 🚩 upvoted 162 times

⊟ 👤 **TEE_B** 3 years, 8 months ago

Thank you for this explanation

👍 ↩ 🚩 upvoted 3 times

⊟ 👤 **Pamban** 3 years, 6 months ago

agree with answer. but could you please further elaborate the explanation of 1st question? there is no way for us to make availability zones. doesn't matter how many AZs per region.

👍 ↩ 🚩 upvoted 2 times

⊟ 👤 **stefano1856** 3 years, 5 months ago

It is a Microsoft's choice
some areas have it, others don't
https://docs.microsoft.com/en-us/learn/azure-fundamentals/azure-architecture-fundamentals/media/regions-small-be724495.png

👍 ↩ 🚩 upvoted 5 times

⊟ 👤 **Harry28731** 2 years, 10 months ago

See ALTERNATE REGIONS. It's not about having one or multiple AZ. It's just that some regions dont support the concept.
https://docs.microsoft.com/en-us/azure/availability-zones/glossary

👍 ↩ 🚩 upvoted 4 times

⊟ 👤 **notyourname** 3 years ago

Availability Zones is a high-availability offering that protects your applications and data from datacenter failures. Availability Zones are unique physical locations within an Azure region. Each zone is made up of one or more datacenters equipped with independent power, cooling, and networking. To ensure resiliency, there₤€™s a minimum of three separate zones in all enabled regions. The physical separation of Availability Zones within a region protects applications and data from datacenter failures. Zone-redundant services replicate your applications and data across Availability Zones to protect from single-points-of-failure. With Availability
Zones, Azure offers industry best 99.99% VM uptime SLA.
References:
https://docs.microsoft.com/en-gb/azure/availability-zones/az-overview

All Enabled Regions have a minimum of 3 AZ zones. Therefore the answer is YES-NO-NO

👍 ↩ 🚩 upvoted 2 times

⊟ 👤 **Harry28731** 2 years, 10 months ago

FIRST ANSWER IS NO ! Don't mislead people. Some regions do not support Availability Zones.
https://docs.microsoft.com/en-us/azure/availability-zones/glossary

It exists RECOMMENDE regions AND ALTERNATE Regions. Alternate regions does not support AZ.

A region that extends Azure's footprint within a data-residency boundary where a recommended region also exists. Alternate regions help to optimize latency and provide a second region for disaster recovery needs. They aren't designed to support availability zones, although Azure conducts regular assessment of these regions to determine if they should become recommended regions. These regions are designated in the Azure portal as Other.
Ex: EUROPE UK WEST

👍 ↩ 🚩 upvoted 16 times

⊟ 👤 **SAFM** 1 year ago

First one is NO, not all regions support AZs; it's well documented on the learning materials from MS.

👍 ↩ 🚩 upvoted 1 times

⊟ 👤 **RSMCT2011** `Highly Voted 👍` 4 years, 9 months ago

https://docs.microsoft.com/en-us/azure/availability-zones/az-overview
Availability Zones is a high-availability offering that protects your applications and data from datacenter failures. Availability Zones are unique physical locations within an Azure region. Each zone is made up of one or more datacenters equipped with independent power, cooling, and networking.

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⊟ 👤 **Yomzie** `Most Recent ⊙` 7 months, 1 week ago

No: Clear explanations already provided.
No: Clear explanation is also provided.
No: For number 3, Availability zones are used to replicate data and applications within the same AZ region (not to MULTIPLE regions as the question suggests).

👍 ↩ ⚑ upvoted 1 times

☐ 👤 **vishnut1986** 7 months, 2 weeks ago

MS has mentioned in their lecture/module on availability zone - Availability Zones ------------
Important -
To ensure resiliency, a minimum of three separate availability zones are present in all availability zone-enabled regions. However, not all Azure Regions currently support
availability zones.

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☐ 👤 **vishnut1986** 7 months, 2 weeks ago

so 1-a is NO

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☐ 👤 **Jaiiee** 1 year, 1 month ago

NNY see the explanation.
3-Availability zones are used to replicate data and applications in the same region.

👍 ↩ ⚑ upvoted 1 times

☐ 👤 **sj1234567** 1 year, 2 months ago

1. NO, not all regions are "availability zone - enabled regions". This service is limited.
2. NO.
3. NO. Availability zone service is available at regional level whereas Geo-Redunancy is avaliable at regional level.

👍 ↩ ⚑ upvoted 1 times

☐ 👤 **sj1234567** 1 year, 2 months ago

1. NO, not all regions are "availability zone - enabled regions". This service is limited.
2. NO.
3. Availability zone service is available at regional level whereas Geo-Redunancy is avaliable at regional level.

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☐ 👤 **obetta1992** 1 year, 3 months ago

Correct. NNN

👍 ↩ ⚑ upvoted 1 times

☐ 👤 **Bookem** 1 year, 4 months ago

Confusing the highlights in the answer show all No but the explanatory each shows 3 as yes

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☐ 👤 **EliasYahya** 1 year, 10 months ago

Not all Regions have Availability Zones. Regions that support Availability Zones have a minimum of three separate zones to ensure resiliency.

so 1st is No

👍 ↩ ⚑ upvoted 1 times

☐ 👤 **Pa1theAchiever** 2 years, 3 months ago

No No No

👍 ↩ ⚑ upvoted 1 times

☐ 👤 **cuentaalternajsr** 2 years, 4 months ago

Correcto. No, no, no.

👍 ↩ ⚑ upvoted 1 times

☐ 👤 **rdelgadof13** 2 years, 7 months ago

NNN is correct

👍 ↩ ⚑ upvoted 2 times

☐ 👤 **diogoweb** 3 years, 1 month ago

Got it on 06-09-2021

👍 ↩ ⚑ upvoted 3 times

☐ 👤 **diogoweb** 3 years, 1 month ago

Got it on 06-09-2021

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☐ 👤 **Shw7** 3 years, 2 months ago

Appeared on 26-July-2021

👍 ↩ 🚩 upvoted 1 times

⊟ 👤 **Gerardo1971** 3 years, 5 months ago
Correct answer

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