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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.	0	0
Only virtual machines that run Windows Server can be created in availability zones.	0	0
Availability zones are used to replicate data and applications to multiple regions.	0	0
Show Suggested Answer		
by [deleted] at <i>Oct. 10, 2019, 1:32 p.m.</i>		

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= A 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

□ anotyourname 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, therex€™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 of 4 years, 9 months ago

https://docs.microsoft.com/en-us/azure/availability-zones/az-overview

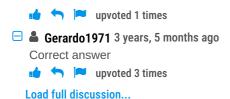
Availability Zones is a high-availability offering that protects your applications and data from datacenter failures. Availability Zones are unique physical locations within an Azure region. Each zone is made up of one or more datacenters equipped with independent power, cooling, and networking.

upvoted 11 times

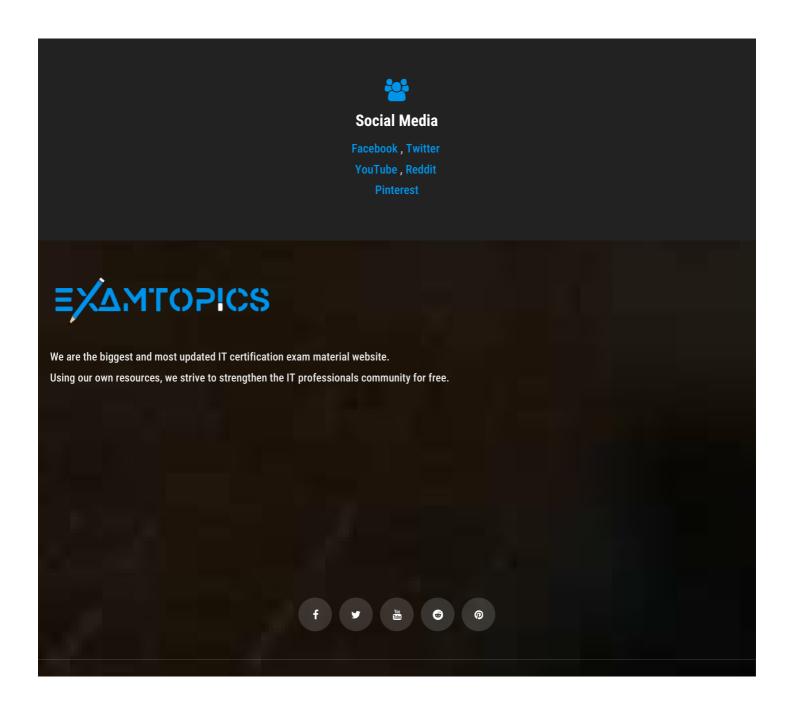
☐ ♣ Yomzie Most Recent ② 7 months, 1 week ago

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. upvoted 1 times □ 🏜 vishnut1986 7 months, 2 weeks ago so 1-a is NO upvoted 1 times 🗏 🏝 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 1. NO, not all regions are "availability zone - enabled regions". This service is limited. 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 available at regional level. upvoted 1 times 😑 📤 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 upvoted 1 times 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 upvoted 1 times

Shw7 3 years, 2 months ago Appeared on 26-July-2021



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