Q

Microsoft Discussions

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EXAM AZ-900 TOPIC 1 QUESTION 127 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 127

Topic #: 1

[All AZ-900 Questions]

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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

Show Suggested Answer

Statements	Yes	No
You can use Availability Zones in Azure to protect Azure virtual machines from a datacenter failure.	0	0
You can use Availability Zones in Azure to protect Azure virtual machines from a region failure.	0	0
You can use Availability Zones in Azure to protect Azure managed disks from a datacenter failure.	0	0

Comments

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□ a nawer Highly Voted 2 years, 8 months ago

today I passed 1000/1000. I had it, and I have chosen Y N Y

upvoted 152 times

■ 8cdcc08 2 months ago

skip him

upvoted 2 times

■ Net_IT 1 year ago

Could you then comment on every question you answered? :)

upvoted 9 times

🖃 🚨 Sara_khan 2 years, 4 months ago

Hi nawer, could you please guide what material did you use for your preparation? Thanks

upvoted 7 times

himanshu_90677 2 years, 6 months ago

Thanks for the confirmation

upvoted 4 times

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☐ ♣ fspellet Highly Voted • 3 years, 6 months ago

Availability Zone: Unique physical locations within a region. Each zone is made up of one or more datacenters equipped with independent power, cooling, and networking.

So this is why the third question is yes, because your data will likely be stored in more than one data center, so if a data center goes down, it's highly likely another data center in the zone will have a backup and will move the activity to that location. This is what they mean by "fault tolerance" as well.

upvoted 30 times

☐ **Stopblindlytrustingchatbot** 1 year, 2 months ago

Fault tolerance is protection against a system failure (e.g. faulty power strip), not a whole data center. Redundant power sources would be an example of fault tolerance.

upvoted 2 times

⊟ ♣ Harry28731 2 years, 10 months ago

No, some zones can have only one Datacenter so your "likelyhood" is not the reason for the 3rd answer to be YES but rather the managed disk availability options:

https://docs.microsoft.com/en-us/azure/virtual-machines/disks-redundancy

Zone-redundant storage (ZRS) synchronously replicates your Azure managed disk across three Azure availability zones in the region you select. Each availability zone is a separate physical location with independent power, cooling, and networking.

A ZRS disk lets you recover from failures in availability zones. If a zone went down, a ZRS disk can be attached to a virtual machine (VM) in a different zone

upvoted 4 times

□ 🏜 vishnut1986 Most Recent ② 7 months, 2 weeks ago

b) NO because then it would be "azure region pair", for c) its also a resource so will act like VM in failover condition.

upvoted 1 times

😑 🏜 ngiengsk81 10 months, 3 weeks ago

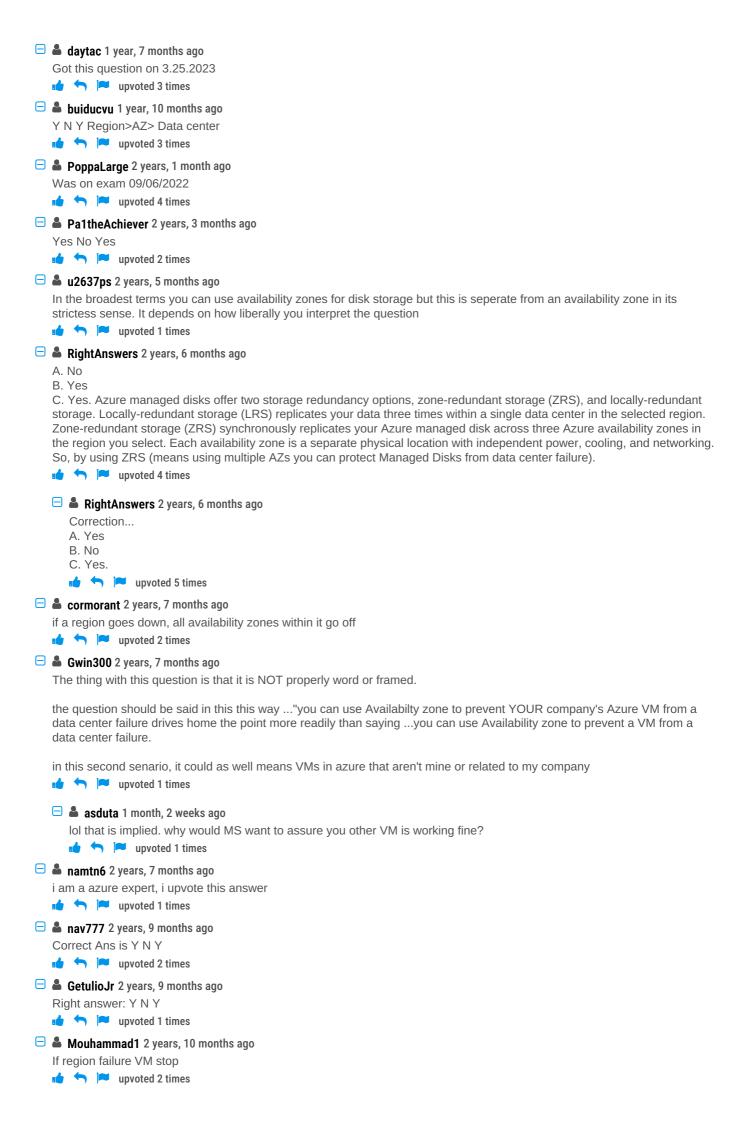
I'm the next 1000

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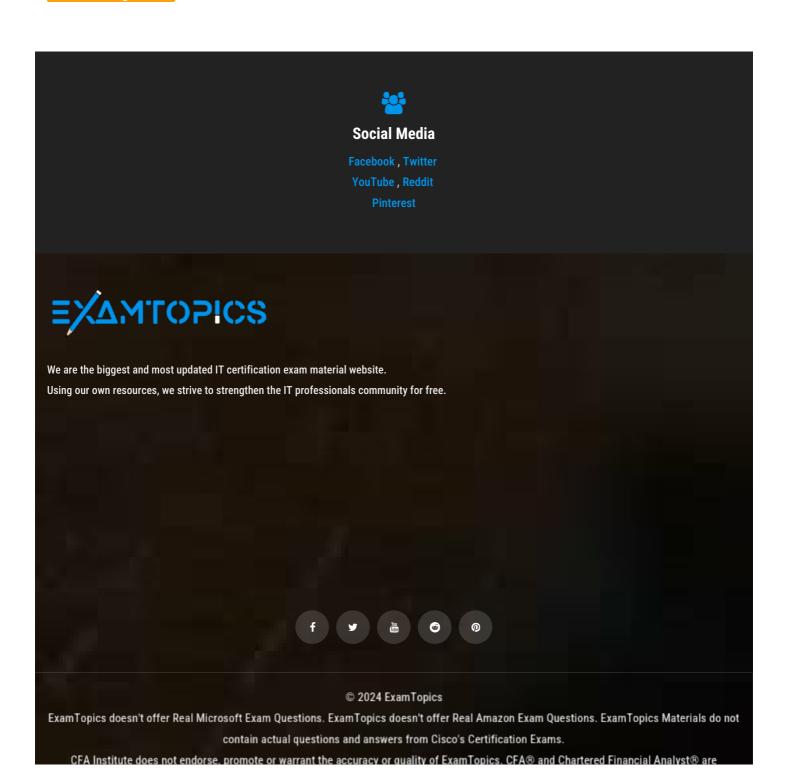
■ wsjones 12 months ago

Showed up today. Great question bank, and passed with an 857. Thanks to all!

📩 🤝 🏴 upvoted 2 times



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