

Microsoft Discussions



Exam AZ-900 All Questions

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EXAM AZ-900 TOPIC 1 QUESTION 127 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 127

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

You can use Availability Zones in Azure to protect Azure virtual machines from a datacenter failure.

☐☐

You can use Availability Zones in Azure to protect Azure virtual machines from a region failure.

☐☐

You can use Availability Zones in Azure to protect Azure managed disks from a datacenter failure.

☐☐

Show Suggested Answer

Comments

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  **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 "likelihood" 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  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

   upvoted 1 times

  **wsjones** 12 months ago

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

   upvoted 2 times

-   **daytac** 1 year, 7 months ago
Got this question on 3.25.2023
   upvoted 3 times
-   **buiducvu** 1 year, 10 months ago
Y N Y Region>AZ> Data center
   upvoted 3 times
-   **PoppaLarge** 2 years, 1 month ago
Was on exam 09/06/2022
   upvoted 4 times
-   **Pa1theAchiever** 2 years, 3 months ago
Yes No Yes
   upvoted 2 times
-   **u2637ps** 2 years, 5 months ago
In the broadest terms you can use availability zones for disk storage but this is separate from an availability zone in its strictest sense. It depends on how liberally you interpret the question
   upvoted 1 times
-   **RightAnswers** 2 years, 6 months ago
A. No
B. Yes
C. Yes. Azure managed disks offer two storage redundancy options, zone-redundant storage (ZRS), and locally-redundant storage. Locally-redundant storage (LRS) replicates your data three times within a single data center in the selected region. 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. So, by using ZRS (means using multiple AZs you can protect Managed Disks from data center failure).
   upvoted 4 times
-   **RightAnswers** 2 years, 6 months ago
Correction...
A. Yes
B. No
C. Yes.
   upvoted 5 times
-   **cormorant** 2 years, 7 months ago
if a region goes down, all availability zones within it go off
   upvoted 2 times
-   **Gwin300** 2 years, 7 months ago
The thing with this question is that it is NOT properly worded or framed.
- the question should be said in this way ... "you can use Availability zone to prevent YOUR company's Azure VM from a data center failure drives home the point more readily than saying ... you can use Availability zone to prevent a VM from a data center failure.
- in this second scenario, it could as well mean VMs in Azure that aren't mine or related to my company
   upvoted 1 times
-   **asduta** 1 month, 2 weeks ago
lol that is implied. why would MS want to assure you other VM is working fine?
   upvoted 1 times
-   **namtn6** 2 years, 7 months ago
i am an Azure expert, i upvoted this answer
   upvoted 1 times
-   **nav777** 2 years, 9 months ago
Correct Ans is Y N Y
   upvoted 2 times
-   **GetulioJr** 2 years, 9 months ago
Right answer: Y N Y
   upvoted 1 times
-   **Mouhammad1** 2 years, 10 months ago
If region failure VM stop
   upvoted 2 times

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