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📄 **EXAM AZ-900 TOPIC 1 QUESTION 144 DISCUSSION**

Actual exam question from Microsoft's AZ-900

Question #: 144

Topic #: 1

[All AZ-900 Questions]

You plan to deploy a service to Azure virtual machines.

You need to ensure that the service will be available if a datacenter fails.

What should you use as part of the virtual machine deployment?

    A. availability sets

    B. proximity placement groups

    C. host groups

    D. availability zones

Show Suggested Answer
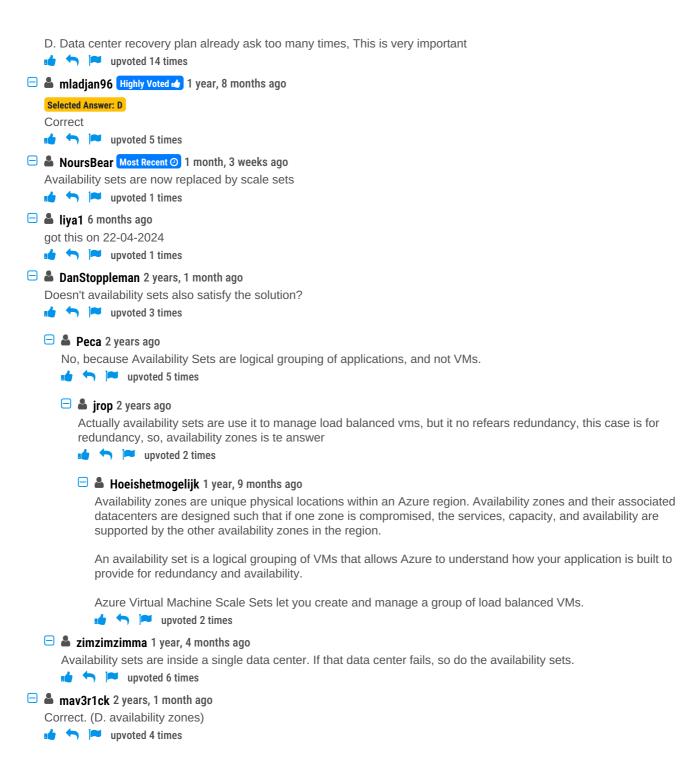
by 👤 **mav3r1ck** at *Sept. 4, 2022, 2:42 a.m.*

Comments

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👤 **TonyghostR05** 👍 **Highly Voted** 👍 2 years ago

D. Data center recovery plan already ask too many times, This is very important

👍 ↩ 🚩 upvoted 14 times

⊟ 👤 **mladjan96** `Highly Voted 👍` **1 year, 8 months ago**

`Selected Answer: D`

Correct

👍 ↩ 🚩 upvoted 5 times

⊟ 👤 **NoursBear** `Most Recent ⊘` **1 month, 3 weeks ago**

Availability sets are now replaced by scale sets

👍 ↩ 🚩 upvoted 1 times

⊟ 👤 **liya1** **6 months ago**

got this on 22-04-2024

👍 ↩ 🚩 upvoted 1 times

⊟ 👤 **DanStoppleman** **2 years, 1 month ago**

Doesn't availability sets also satisfy the solution?

👍 ↩ 🚩 upvoted 3 times

⊟ 👤 **Peca** **2 years ago**

No, because Availability Sets are logical grouping of applications, and not VMs.

👍 ↩ 🚩 upvoted 5 times

⊟ 👤 **jrop** **2 years ago**

Actually availability sets are use it to manage load balanced vms, but it no refears redundancy, this case is for redundancy, so, availability zones is te answer

👍 ↩ 🚩 upvoted 2 times

⊟ 👤 **Hoeishetmogelijk** **1 year, 9 months ago**

Availability zones are unique physical locations within an Azure region. Availability zones and their associated datacenters are designed such that if one zone is compromised, the services, capacity, and availability are supported by the other availability zones in the region.

An availability set is a logical grouping of VMs that allows Azure to understand how your application is built to provide for redundancy and availability.

Azure Virtual Machine Scale Sets let you create and manage a group of load balanced VMs.

👍 ↩ 🚩 upvoted 2 times

⊟ 👤 **zimzimzimma** **1 year, 4 months ago**

Availability sets are inside a single data center. If that data center fails, so do the availability sets.

👍 ↩ 🚩 upvoted 6 times

⊟ 👤 **mav3r1ck** **2 years, 1 month ago**

Correct. (D. availability zones)

👍 ↩ 🚩 upvoted 4 times

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