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📄 EXAM AZ-900 TOPIC 1 QUESTION 135 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 135

Topic #: 1

[All AZ-900 Questions]

What is the most severe failure from which an Azure Availability Zone can be used to protect access to Azure service?

- A. a physical server failure
- B. an Azure region failure
- C. a storage failure
- D. an Azure data center failure

Show Suggested Answer

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by 👤 **AidenYoukhana** at *Dec. 30, 2021, 8:12 p.m.*

Comments

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☐ 👤 **AidenYoukhana** `Highly Voted 👍` 2 years, 9 months ago
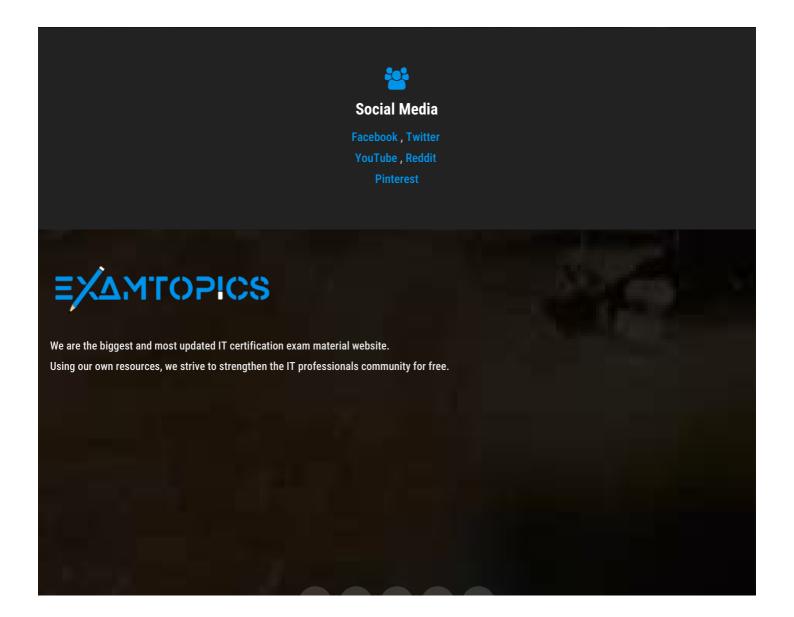Give an answer is correct!
👍 🔁 🏳 upvoted 14 times

☐ 👤

JKRowlings `Highly Voted` 2 years, 6 months ago

Availability zone protects against datacenter failure.

👍 ↩ ⚑ upvoted 11 times

68a524f `Most Recent ⊘` 3 months, 3 weeks ago

region>Zone>data centre

👍 ↩ ⚑ upvoted 2 times

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wsjones 12 months ago

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

👍 ↩ ⚑ upvoted 3 times

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dayanandthombare 1 year ago

A. a physical server failure - An Azure Availability Zone can protect against a physical server failure, but this is not the most severe failure that it can protect against. A data center failure is more severe because it would affect all of the physical servers in the region.

B. an Azure region failure - An Azure region failure is more severe than a data center failure, and an Azure Availability Zone cannot protect against it. If a region fails, all of the Availability Zones in the region will also fail.

C. a storage failure - An Azure Availability Zone can protect against a storage failure, but this is not the most severe failure that it can protect against. A data center failure is more severe because it would affect all of the storage in the region.

👍 ↩ ⚑ upvoted 2 times

Martin1992 1 year, 2 months ago

Selected Answer: D

D. CORRECTO

👍 ↩ ⚑ upvoted 1 times

Savik 1 year, 3 months ago

On exam 07/07/2023

👍 ↩ ⚑ upvoted 2 times

Bereket 1 year, 9 months ago

Given answers correct

👍 ↩ ⚑ upvoted 3 times

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buiducvu 1 year, 10 months ago

Selected Answer: D

D. an Azure data center failure - loop question

👍 ↩ ⚑ upvoted 2 times

JerYnkFan 1 year, 11 months ago

Answer is correct and was on exam 11-21-22

👍 ↩ ⚑ upvoted 4 times

Dan1223 2 years ago

D, correct

👍 ↩ ⚑ upvoted 2 times

Palack 2 years, 6 months ago

Selected Answer: D

Each availability zone is made up of one or more datacenters with independent power, cooling, and networking. So this, in its own doesn't guarantee data center redundancy.

But: 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.

https://docs.microsoft.com/en-us/azure/architecture/high-availability/building-solutions-for-high-availability

👍 ↩ ⚑ upvoted 4 times

HHHo 2 years, 6 months ago

Got this in exam on 2022.04.18

👍 ↩ ⚑ upvoted 2 times

[Removed] 2 years, 8 months ago

Selected Answer: D

Data centre is the main thing with azure.

👍 ↩ ⚑ upvoted 2 times

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deanbox 2 years, 8 months ago

Selected Answer: D

D correct

👍 ↩ ⚑ upvoted 1 times

⊟ 👤 **JdPR45** 2 years, 8 months ago

Correct

👍 ↩ ⚑ upvoted 1 times

⊟ 👤 **leoaugusto9** 2 years, 9 months ago

Answer is correct!

👍 ↩ ⚑ upvoted 1 times

Selected Answer: D

D correct

👍 ↩ ⚑

Correct

👍