EXAMTOPICS

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⬅ **Microsoft Discussions**

Exam AZ-900 All Questions

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📄 **EXAM AZ-900 TOPIC 1 QUESTION 79 DISCUSSION**

Actual exam question from Microsoft's AZ-900

Question #: 79

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
You must have physical servers to use cloud computing.	○	○
You must have internet connectivity to use cloud computing.	○	○
The costs to increase cloud computing capacity are less than the costs to increase the computing capacity of an on-premises datacenter.	○	○

Show Suggested Answer

by 👤 **K2001** at *Sept. 2, 2022, 7:49 p.m.*

Comments

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⊟ 👤 **Nagy7** `Highly Voted 👍` 2 years ago

No-No-Yes I think

👍 ↩ 🏳 upvoted 26 times

⊟ 👤 **samcooldude1430** 1 year, 4 months ago

it's worth noting that certain cloud deployment models, such as hybrid cloud or private cloud, may provide options for connectivity that are not solely reliant on the public internet. For example, a hybrid cloud deployment might involve a dedicated private network connection (such as a virtual private network or leased line) between your on-premises infrastructure and the cloud provider's data center. This dedicated connection can offer enhanced security, reliability, and performance compared to relying solely on the public internet.

👍 ↩ 🏳 upvoted 2 times

⊟ 👤 **mlop3s** 1 year, 6 months ago

Yes. You can use a private link for cloud
https://azure.microsoft.com/en-us/products/private-link

👍 ↩ 🏳 upvoted 1 times

⊟ 👤 **HASAN94** 9 months, 3 weeks ago

This only means that your connection is secure and not going public. But you still need Internet to go through it.

👍 ↩ 🏳 upvoted 5 times

⊟ 👤 **K2001** `Highly Voted 👍` 2 years, 1 month ago

What if you use Azure ExpressRoute? Wouldn't that qualify as cloud computing without internet?

👍 ↩ 🏳 upvoted 13 times

⊟ 👤 **NoursBear** 1 month, 3 weeks ago

huh Express Route is for connection from On Prem. Nothing about on prem in question.

👍 ↩ 🏳 upvoted 1 times

⊟ 👤 **McSwindler** 2 years ago

You still manage via the Internet. portal.azure.com doesn't go via the Express Route.

👍 ↩ 🏳 upvoted 10 times

⊟ 👤 **thomas1337** 1 year, 12 months ago

i do never need portal.azure.com for anything, because i could use azure cli for managing my cloud.

👍 ↩ 🏳 upvoted 2 times

⊟ 👤 **amishdotcom** 11 months, 1 week ago

Can you use azure cli without internet.
I don't understand why people here even doesn't have common sense.

👍 ↩ 🏳 upvoted 9 times

⊟ 👤 **picho707** 1 year, 5 months ago

Express route has direct access to Azure management resources and it can connect to Azure virtual networks.

👍 ↩ 🏳 upvoted 1 times

⊟ 👤 **compgeek718** 2 years, 1 month ago

Correct. https://azure.microsoft.com/en-us/services/expressroute/#overview
"Use Azure ExpressRoute to create private connections between Azure datacenters and infrastructure on premises or in a colocation environment. ExpressRoute connections don't route through the public internet, and they offer more reliability, faster speed, and lower latency than typical internet connections. In some cases, using ExpressRoute connections to transfer data between on-premises systems and Azure gives you significant cost benefits."

👍 ↩ 🏳 upvoted 3 times

⊟ 👤 **[Removed]** 1 year ago

"ExpressRoute connections don't route through the public internet"
...so you use your own private internet then... keyword: internet...
#2 is Yes.

👍 ↩ 🏳 upvoted 2 times

⊟ 👤 **maumari2** 2 months, 4 weeks ago

What about Azure Data Box?? You can transfer large amounts of data without using internet, Azure Stack also allows to run Azure service on-premises providing cloud capabilities without requiring constant internet connectivity. ExpressRoute is another example, but it has "public internet" in the definition.

👍 ↩ 🏳 upvoted 1 times

NoursBear 1 month, 3 weeks ago

some of you are totally over thinking some questions

👍 ↩ 🚩 upvoted 1 times

VaibhavGawali `Most Recent ⊘` 4 months, 1 week ago

I will go with NYY.
Cloud computing services are typically accessed over the internet, so you need internet connectivity to use cloud computing resources.

👍 ↩ 🚩 upvoted 3 times

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varinder82 5 months, 1 week ago

Final Answer :
N
N - Express Route does not need Internet
Y

👍 ↩ 🚩 upvoted 1 times

PolCara 6 months, 2 weeks ago

A private cloud doesn't necessarily need to have an internet connection. You can have direct links to the private cloud

👍 ↩ 🚩 upvoted 1 times

Payu1994 6 months, 3 weeks ago

No. Cloud computing allows you to use virtualized resources without the need for physical servers on-premises.
You must have internet connectivity to use cloud computing.
Yes. Cloud services are accessed via the internet, so connectivity is essential.
The costs to increase cloud computing capacity are less than the costs to increase the computing capacity of an on-premises datacenter.
Yes. Generally, cloud services offer more cost-effective scalability compared to traditional on-premises infrastructure.

👍 ↩ 🚩 upvoted 4 times

JayStolzenwald 12 months ago

(2) is a poorly defined question. I suppose, we can assume that "the cloud" is the "public cloud" if not explicitly specified otherwise. In that case the answer is n,y,n

👍 ↩ 🚩 upvoted 1 times

GRONDBOTTER 12 months ago

i agree

👍 ↩ 🚩 upvoted 1 times

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escflow 1 year, 2 months ago

N-Y-Y
Explanation:
'cloud computing' in this context should be seen as the 'public cloud' because of the website of Microsoft:
"Simply put, cloud computing is the delivery of computing services—including servers, storage, databases, networking, software, analytics, and intelligence—over the internet ("the cloud")"
Source: https://azure.microsoft.com/en-us/overview/what-is-cloud-computing/

👍 ↩ 🚩 upvoted 5 times

Andrew_S 1 year, 3 months ago

No for the cloud w/no Internet. Why? Private Cloud requires no Internet. So No-No-Yes

👍 ↩ 🚩 upvoted 3 times

Self_Study 1 year, 3 months ago

Yes, you need to have internet connectivity to use cloud computing in Azure, unless you are using a private cloud that is hosted on your own premises or data center. Even if you use ExpressRoute to create private connections between your network and Azure, you still need internet connectivity to manage and monitor your Azure resources and to access any public cloud services that are not available through ExpressRoute.

👍 ↩ 🚩 upvoted 2 times

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petebear55 1 year, 4 months ago

THE SECOUND ONE SHOULD BE NO .... AS you can use azure products such as data bricks to move data ... that's an azure product .. for which u don't need internet connectivity. Microsoft should get rid of shixtty questions like this which are designed to persecute individuals and have no place in an exam like this

👍 ↩ 🚩 upvoted 6 times

Frogggy 1 year, 6 months ago

how would you even set up an express route without accessing the internet in the first place ? a lot of people are overthinking these questions tbh.

👍 ↩ 🚩 upvoted 2 times

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zimzimzimma 1 year, 4 months ago

True, and my theory is this whole overthinking is because of MS going overboard with grammar/ambiguous interpretation of questions.

👍 ↩ 🚩 upvoted 6 times

⊟ 👤 **Nick_Hey** 1 year, 6 months ago

No Yes No; you can get some cheap servers from a dumpster and use them instead.

👍 ↩ 🚩 upvoted 2 times

⊟ 👤 **kqureshi** 1 year, 7 months ago

second box should be 'NO', the kery is "must have internet" but you can connect to server without internet as well.

👍 ↩ 🚩 upvoted 2 times

⊟ 👤 **Fosnefes** 1 year, 8 months ago

N
Y
Y

Keywords - cloud computing

see- https://azure.microsoft.com/en-us/resources/cloud-computing-dictionary/what-is-cloud-computing/

Simply put, cloud computing is the delivery of computing services—including servers, storage, databases, networking, software, analytics, and intelligence—over the Internet ("the cloud") to offer faster innovation, flexible resources, and economies of scale. You typically pay only for cloud services you use, helping you lower your operating costs, run your infrastructure more efficiently, and scale as your business needs change.

👍 ↩ 🚩 upvoted 1 times

⊟ 👤 **aphesis** 1 year, 9 months ago

What about a private cloud with my own intranet? Is this not also cloud computing without an internet connection?

👍 ↩ 🚩 upvoted 6 times

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