

Microsoft Discussions



**Exam AZ-900 All Questions**

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EXAM AZ-900 TOPIC 1 QUESTION 381 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 381

Topic #: 1

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What additional resource is required by an Azure virtual machine?

- A. a virtual network
- B. a service endpoint
- C. Azure Firewall
- D. a public IP address

Show Suggested Answer

by [Sevin](#) at *Sept. 2, 2022, 9:12 a.m.*

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[KeZhai](#) **Highly Voted** 2 years, 1 month ago

**Selected Answer: A**

Its not necessary to have a public IP, but need virtual network.

1 0 0 0

👍 🔄 🚩 upvoted 35 times

🗄️ 👤 **azirila** Highly Voted 👍 1 year, 8 months ago

default required---> virtual network  
additional(extra) required---> public ip adres so answer is right

👍 🔄 🚩 upvoted 12 times

🗄️ 👤 **thedoc009** Most Recent 🕒 1 month ago

**Selected Answer: D**

Answer D. Additional, no necessary.

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **blkrrn2828** 1 month, 4 weeks ago

A. is correct according to ChatGPT

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **Genichiro** 2 months, 2 weeks ago

A.

A Virtual Network (VNet) is a required resource for an Azure virtual machine, while a Public IP is optional depending on whether external internet access is needed.

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **jambroba** 2 months, 3 weeks ago

**Selected Answer: A**

A. a virtual network

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **Pouwen** 3 months, 3 weeks ago

It can be answer a and D aswell.

So what answer should we choose on the exam?

An Azure virtual machine (VM) typically requires several additional resources to operate effectively. Here are some of the key resources that are commonly associated with an Azure VM:

Storage Account: For storing the virtual hard disks (VHDs) associated with the VM, including the OS disk, data disks, and temporary disk. Azure Managed Disks can also be used for this purpose.

Virtual Network (VNet): To provide networking capabilities such as connectivity to other Azure resources, on-premises networks, and the internet.

Public IP Address: If the VM needs to be accessible from the internet, a public IP address will be required.

👍 🔄 🚩 upvoted 5 times

🗄️ 👤 **LMK24** 5 months, 3 weeks ago

<https://learn.microsoft.com/en-us/azure/virtual-network/network-overview>

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **DallasM** 11 months, 4 weeks ago

**Selected Answer: A**

A VNET is required/created when creating a VM. You can have VM's that do not have PIP's

👍 🔄 🚩 upvoted 4 times

🗄️ 👤 **FutureAdmin** 1 year ago

This was on exam. 9/30/23

👍 🔄 🚩 upvoted 4 times

🗄️ 👤 **rasbon** 1 year, 3 months ago

I think this problem statement is not good....

On 07/12/2023, I answered A.

We do not have to add a public IP address, but you must add a virtual network.

👍 🔄 🚩 upvoted 2 times

🗄️ 👤 **salim\_** 1 year, 6 months ago

**Selected Answer: D**

without a vNet you can't access your VM

👍 🔄 🚩 upvoted 6 times

🗄️ 👤 **C4rlos** 1 year, 7 months ago

**Selected Answer: A**

A is correct.



   upvoted 2 times

  **AlexKK** 1 year, 7 months ago

Answers are; a virtual network gateway

The virtual network gateway needs to be located in a dedicated subnet in the Azure virtual network. This dedicated subnet is known as a gateway subnet and must be named GatewaySubnet. Note: a virtual network (answer D) is also required.

   upvoted 2 times

  **Achab** 1 year, 8 months ago

who did come up with that answer ? Seriously ...

   upvoted 2 times

  **Saxman** 1 year, 5 months ago

Exactly - you don't need "additional" vnet to add a VM....what were they smoking? But you do need a network to...well...do pretty much anything? But not a new one.


   upvoted 2 times

  **Rohit2023** 1 year, 8 months ago

**Selected Answer: A**

Virtual network is must!!

   upvoted 3 times

  **XtraWest** 1 year, 8 months ago

'additional' is the key soo, public ip

   upvoted 4 times

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