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⬅ **Microsoft Discussions**

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📄 **EXAM AZ-900 TOPIC 1 QUESTION 401 DISCUSSION**

Actual exam question from Microsoft's AZ-900

Question #: 401

Topic #: 1

[All AZ-900 Questions]

What should you use to prevent traffic from an Azure virtual network from being routed to an Azure Storage account via the internet?

> A. a network security group (NSG)
>
> B. a public endpoint
>
> C. Azure VPN Gateway
>
> D. a service endpoint

Show Suggested Answer

by 👤 **IrvinDitz** at *Dec. 29, 2022, 1:28 p.m.*

Comments

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⊟ 👤 **Ciupaz** Highly Voted 👍 1 year, 9 months ago

Selected Answer: A

A is correct, because with the security rules of NSG you can permit /deny traffic inbound /outbound.

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⊟ 👤 **SilviaS** `Highly Voted 👍` 1 year, 2 months ago

The only reason that I paid for this subscription was your comments. You are really the added value to this page. For sure it will help me pass the exam. Thank you.

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⊟ 👤 **gum_hani** `Most Recent ⊙` 1 week, 6 days ago

To prevent traffic from an Azure virtual network from being routed to an Azure Storage account via the internet, it is more appropriate to use service endpoints rather than network security groups (NSGs). Service endpoints ensure that the traffic from the virtual network is routed directly to the Azure Storage account through Azure's backbone network, bypassing the internet
-By Copilot(Service of MS)

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⊟ 👤 **pb187** 4 weeks ago

I would go "D"
It's about "routing"
Network Security Groups (NSGs) are used to control inbound and outbound traffic to network interfaces, VMs, and subnets in your virtual network. While NSGs can help secure your Azure environment by allowing or denying traffic based on rules, they don't specifically prevent traffic from being routed to an Azure Storage account via the internet.

To ensure traffic between your virtual network and Azure Storage account stays within the Azure backbone network, you should use private endpoints or service endpoints. NSGs can be used in conjunction with these to further refine and control traffic within your virtual network.

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⊟ 👤 **Moustafa_Hefaina** 1 month ago

`Selected Answer: D`

Answer is Service Endpoint

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⊟ 👤 **126e81f** 2 months ago

D is correct per chatgpt: To prevent traffic from an Azure Virtual Network (VNet) from being routed to an Azure Storage account via the internet, you should use Virtual Network Service Endpoints or Private Endpoints.

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> ⊟ 👤 **Nathan12345** 1 month, 4 weeks ago
>
> correct
>
> 👍 ↩ 🚩 upvoted 1 times
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> > ⊟ 👤 **Nathan12345** 1 month, 4 weeks ago
> >
> > D. a service endpoint
> >
> > 👍 ↩ 🚩 upvoted 1 times

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

`Selected Answer: D`

D. a service endpoint

👍 ↩ 🚩 upvoted 1 times

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

D. a service endpoint

The correct answer to the original question is "D. a service endpoint," as this is the specific solution to ensure that traffic from a VNet to an Azure storage account does not use the public internet. However, NSGs are important tools for general network traffic control and security, and their use is extensively covered in Azure fundamentals.

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

`Selected Answer: A`

This can be achieved by using Private Endpoints or NSG and there is no option for Private Endpoints

Private Endpoints are specific to individual resources and provide granular control.
Service Endpoints apply to entire services and optimize routing within Azure.

Use Azure Network Security Groups (NSGs):
Associate NSGs with the subnets within your Azure virtual network.
Create security rules within the NSG to block outgoing internet traffic using the service tag Internet.
By doing this, you prevent traffic from the virtual network to external internet resources, including Azure Storage accounts.

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⊟ 👤 **darthhansie** 3 months ago

In summary, configure network rules for your storage account to restrict access to specific networks or resources, and use NSGs to block internet-bound traffic from your Azure virtual network. This combination ensures secure communication between your virtual network and the storage account while preventing unnecessary exposure to the internet.

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⊟ 👤 **siculoct** 4 months, 1 week ago

It's a Server Endpoint

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⊟ 👤 **jordanmacedo00** 8 months, 1 week ago

D is correct
"Virtual Network (VNet) service endpoint provides secure and direct connectivity to Azure services over an optimized route over the Azure backbone network. Endpoints allow you to secure your critical Azure service resources to only your virtual networks. Service Endpoints enables private IP addresses in the VNet to reach the endpoint of an Azure service without needing a public IP address on the VNet."

https://learn.microsoft.com/en-us/azure/virtual-network/virtual-network-service-endpoints-overview

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⊟ 👤 **Kee93** 8 months, 3 weeks ago

Filter Azure service traffic with policies, over service endpoints, and filter rest of the Internet or Azure traffic via appliances or Azure Firewall.

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⊟ 👤 **jesus_exam** 9 months, 2 weeks ago

Correct A. With NSG traffic goes through internet.

👍 ➦ 🚩 upvoted 1 times

⊟ 👤 **jesus_exam** 9 months, 2 weeks ago

Correct D *********

👍 ➦ 🚩 upvoted 1 times

⊟ 👤 **Elaheh_Ghaffari12533** 10 months, 1 week ago

NSG like Firewall filter the traffic

👍 ➦ 🚩 upvoted 1 times

⊟ 👤 **spatrick** 10 months, 3 weeks ago

Virtual Network (VNet) service endpoint provides secure and direct connectivity to Azure services over an optimized route over the Azure backbone network. Endpoints allow you to secure your critical Azure service resources to only your virtual networks. Service Endpoints enables private IP addresses in the VNet to reach the endpoint of an Azure service without needing a public IP address on the VNet.

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⊟ 👤 **gfalconx** 11 months ago

both A and D are correct. Just getting pissed at the wrong answers posted. We paid for the subscription and being presented wrong answers and its up to us to check and verify it.

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