EXAMTOPICS

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📄 **EXAM AZ-900 TOPIC 1 QUESTION 252 DISCUSSION**

Actual exam question from Microsoft's AZ-900

Question #: 252

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 can associate a network security group (NSG) to a virtual network subnet.	○	○
You can associate a network security group (NSG) to a virtual network.	○	○
You can associate a network security group (NSG) to a network interface.	○	○

[**Show Suggested Answer**]

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by 👤 **AdyArora** at *March 12, 2021, midnight*

Comments

Comments

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hercu `Highly Voted` 👍 3 years, 7 months ago

Box 2 is Correct! - No!
All of you guys saying that a Network Security Group (NSG) can be associated to a virtual network should be banned on taking this exam as you just misguide others. Please make some research before you decide to leave some worthless comment.
"You can associate zero, or one, network security group to each virtual network subnet and network interface in a virtual machine. The same network security group can be associated to as many subnets and network interfaces as you choose."
References: https://docs.microsoft.com/en-us/azure/virtual-network/network-security-group-how-it-works
Note: It clearly says it must be either a subnet (not a virtual network) or a NIC.

👍 🔁 🚩 upvoted 182 times

    ricerocket 3 years, 5 months ago

    read here and answer from #140, nsg can be attached to virtual network.

    https://docs.microsoft.com/en-us/azure/virtual-network/network-security-groups-overview

    👍 🔁 🚩 upvoted 7 times

        [Removed] 3 years, 4 months ago

        The second option is NO

        "You can associate zero, or one, network security group to each virtual network subnet and network interface in a virtual machine. The same network security group can be associated to as many subnets and network interfaces as you choose."

        Source: https://docs.microsoft.com/en-us/azure/virtual-network/network-security-group-how-it-works

        👍 🔁 🚩 upvoted 4 times

            [Removed] 2 years, 7 months ago

            Thank you for posting this. It appears that yes you can filter traffic in/out of VNET but via subnet and NIC level with NSG. If you look at the source posted by @mentedis it states how it all works. The NSG is configured at subnet and NIC level.

            👍 🔁 🚩 upvoted 1 times

            [Removed] 2 years, 7 months ago

            Furthermore, I took the AWS exam which is similar concepts, and over there it is the same... you can create Security Groups (instance level) and NACL (subnet level) in a VPC. VPC is their version of VNET. both Security Groups and NACL act as firewalls much like NSG. So the 2nd point is NO. You cannot attach an NSG to VNET but you can protect the VNET via NSG by attaching it to NIC or Subnet.

            👍 🔁 🚩 upvoted 1 times

    TexTheDog 3 years, 5 months ago

    You're absolutely incorrect.

    it is YES YES YES

    NSG can be attached to virtual network.

    https://docs.microsoft.com/en-us/azure/virtual-network/network-security-groups-overview

    👍 🔁 🚩 upvoted 10 times

        Saravana12g 3 years, 4 months ago

        Create a NSG in Azure Portal and you can see that you can attach it to only - Subnet and NIC. There's no VNET present in the Blade.

        👍 🔁 🚩 upvoted 15 times

            rajkfx1 3 years, 2 months ago

            I just tried, when we click on subnet and associate NSG, there we can see both Virtual Network and subnet. so the answer should be YYY

            👍 🔁 🚩 upvoted 9 times

            kucho 3 years ago

            https://docs.microsoft.com/en-us/azure/virtual-network/manage-network-security-group

Associate or dissociate a network security group to or from a subnet or network interface
To associate a network security group to, or dissociate a network security group from a network interface, see
Associate a network security group to, or dissociate a network security group from a network interface. To
associate a network security group to, or dissociate a network security group from a subnet, see Change subnet
settings.

the doc only mention you can attatch the nsg to a network interface or subnet.

👍 🔙 🚩 upvoted 4 times

Load full discussion...

👤 **sandeepck** 3 years, 3 months ago
@hercu is correct : YES, NO, YES

👍 🔙 🚩 upvoted 9 times

    👤 **dnscloud02** 1 year, 8 months ago
    Azure virtual networks deployed to the same Azure region or subscription are not connected by default. You have to
    configure virtual network peering to allow communication between different virtual networks. Virtual networks deployed
    to the same resource group must have unique names.

    👍 🔙 🚩 upvoted 1 times

    👤 **theManFromRoom5** 2 years, 7 months ago
    Haha "All of you guys saying that a Network Security Group (NSG) can be associated to a virtual network should be
    banned on taking this exam". Great approach, ban everyone who gets a question wrong

    👍 🔙 🚩 upvoted 24 times

👤 **[Removed]** `Highly Voted 👍` 3 years, 7 months ago
should be all Yes. You can use an Azure network security group to filter network traffic to and from Azure resources in an
Azure virtual network. A network security group contains security rules that allow or deny inbound network traffic to, or
outbound network traffic from, several types of Azure resources. For each rule, you can specify source and destination, port,
and protocol.

👍 🔙 🚩 upvoted 16 times

👤 **PN60** `Most Recent ⊙` 18 hours ago
This seems to be the best forum to confuse the heck out of a new learner! All of you reference the same link to say the other
person is wrong! Is there no moderator that can tell us newbies what is correct and why? Obviously cannot trust the answers
published, because same questions have been published with different answers in this guide!

👍 🔙 🚩 upvoted 1 times

👤 **NoursBear** 3 weeks, 6 days ago
From Microsoft Community
https://learn.microsoft.com/en-us/answers/questions/1160561/azure-network-security-group-(nsg)-can-be-
attached#:~:text=I%20have%20provided%20the%20answers,interface%20in%20a%20virtual%20machine
Q2 is no

👍 🔙 🚩 upvoted 1 times

👤 **e3ddceb** 3 months, 1 week ago
True for all.

1. You can associate a Network Security Group (NSG) to a virtual network subnet.
2. You can associate a Network Security Group (NSG) to a virtual network.
3. You can associate a Network Security Group (NSG) to a network interface.

These associations allow you to control inbound and outbound traffic to these resources.

👍 🔙 🚩 upvoted 1 times

👤 **wilberrodriguez** 4 months ago
2 True! You can indeed associate a Network Security Group (NSG) with a virtual network in Azure. An NSG acts as a firewall,
allowing or denying traffic to and from resources within the virtual network based on rules you define. These rules can control
inbound and outbound traffic at the subnet or individual resource level. Keep in mind that associating an NSG with a virtual
network helps enhance security by filtering network traffic.

👍 🔙 🚩 upvoted 1 times

👤 **varinder82** 4 months, 2 weeks ago
yny answer

👍 🔙 🚩 upvoted 1 times

👤 **akepati88** 5 months, 3 weeks ago
Answer is Y-Y-Y
Please check reference link: https://learn.microsoft.com/en-us/answers/questions/1160561/azure-network-security-group-
(nsg)-can-be-attached

👍 🔙 🚩 upvoted 2 times

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