

Microsoft Discussions



Exam AZ-900 All Questions

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EXAM AZ-900 TOPIC 1 QUESTION 253 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 253

Topic #: 1

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You have an Azure environment that contains 10 virtual networks and 100 virtual machines.
You need to limit the amount of inbound traffic to all the Azure virtual networks.
What should you create?

- A. one application security group (ASG)
- B. 10 virtual network gateways
- C. 10 Azure ExpressRoute circuits
- D. one Azure firewall

Show Suggested Answer

by Ragijo at Nov. 17, 2019, 10:25 p.m.

Comments

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Ragijo **Highly Voted** 4 years, 11 months ago

NSG just block or open a port, Azure Firewall can "limit the amount of traffic", because it's a stateful firewall. So the answer is Azure Firewall (

👍 🔄 🚩 upvoted 167 times

🗄️ 👤 **Examinicus** Highly Voted 👍 4 years, 7 months ago

Both NSG and Firewall can perform this function. I believe the key is in the number of virtual networks involved. You will use an NSG for a single VN and a Firewall for multiple.

👍 🔄 🚩 upvoted 31 times

🗄️ 👤 **ultraOriginalVillain** 4 years, 6 months ago

Yes! NSGs need to be created 10 times for all 10 VNets. Firewall can be applied to a resource group, etc. etc. AT ONCE, selecting all of them together. Imagine you had 1,000 VNets as well !

👍 🔄 🚩 upvoted 5 times

🗄️ 👤 **Jovial** 4 years, 3 months ago

Yes , and another thing is the cost . the cost of peering between 10 Vnet is going to be huge compared to cost of Azure Firewall.

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **Kashan_Ali** 4 years, 3 months ago

Exactly, when I read that I need to protect them all then I have selected "Azure Firewall".

👍 🔄 🚩 upvoted 4 times

🗄️ 👤 **siculoc** Most Recent 🕒 4 months, 3 weeks ago

D. Azure Firewall

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **kaf_omic** 10 months, 1 week ago

Selected Answer: D

One Azure Firewall for all vnets

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **MANANDAVEY** 1 year, 3 months ago

Selected Answer: D

D is the correct answer.

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **Atul_0902** 1 year, 9 months ago

Question is not about protect but You need to limit the amount of inbound traffic.. doubtful about Azure Firewall.

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **zelck** 1 year, 9 months ago

Selected Answer: D

D is the answer.

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

Azure Firewall is a cloud-native and intelligent network firewall security service that provides the best of breed threat protection for your cloud workloads running in Azure. It's a fully stateful, firewall as a service with built-in high availability and unrestricted cloud scalability. It provides both east-west and north-south traffic inspection.

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **zelck** 1 year, 9 months ago

An Azure firewall is a feature in Azure that allows you to control inbound and outbound network traffic to and from Azure resources. You can create rules that specify the ports, protocols, and sources that can be used to access your virtual networks and virtual machines, and you can apply the firewall to all the virtual networks in your environment.

It allows you to create network filtering rules at the network level which can limit the traffic to the entire virtual network, not just to a single virtual machine.

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **meister13** 1 year, 10 months ago

Selected Answer: D

inbound = key word for firewall

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **TonyghostR05** 2 years ago



Firewall

👍 🔄 🚩 upvoted 2 times

🗄️ 👤 **braqa** 2 years, 6 months ago

This question was on test.

   upvoted 2 times

  **Azuni** 2 years, 11 months ago

I got this question in the exam 22/11/2021

   upvoted 2 times

  **MayankC** 2 years, 11 months ago


Got this one on 22-Nov-2021

   upvoted 2 times

  **Gerardo1971** 3 years, 5 months ago


Correct answer

   upvoted 1 times

  **Kavitw** 3 years, 6 months ago

correct

   upvoted 1 times

  **studyali114** 3 years, 6 months ago


aZURE FIREWALL

   upvoted 1 times

  **kongf** 3 years, 7 months ago

Control inbound traffic in VM via == Firewall , while control Outgoing traffic in VM via = Gateway

   upvoted 6 times

  **sams** 3 years, 7 months ago

hi All,

I had this for my exam last week fyi

   upvoted 6 times

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