

Microsoft Discussions



Exam AZ-900 All Questions

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EXAM AZ-900 TOPIC 1 QUESTION 97 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 97

Topic #: 1

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HOTSPOT -

You plan to extend your company's network to Azure.








The network contains a VPN appliance that uses an IP address of 131.107.200.1.

You need to create an Azure resource that defines the VPN appliance in Azure.

Which Azure resource should you create? To answer, select the appropriate resource in the answer area.

Hot Area:

Answer Area

Services		
	NAT gateways	★
	Application gateways	★
	Local network gateways	★
	Virtual network gateways	★
	On-premises Data Gateways	★
	Azure Data Box Gateway	★
	Azure Stack Edge / Data Box Gateway	★

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by orallony at Aug. 31, 2021, 7:22 a.m.

Comments

[Submit](#) **BL101** Highly Voted 3 years ago

I didn't get this at first - but then re-read the question - the clue is in the extension to Azure which indicates you are on Prem - so you need a Local Network Gateway - that's why people who said Virtual Network Gateway are wrong

upvoted 86 times

Foow 2 years, 9 months ago

Is the word "appliance" also not a flag for recognizing that it is on-premise?

upvoted 9 times

RougePotatoe 1 year, 9 months ago

In support of this answer. Read what is local network gateway. The local network gateway is a specific object that represents your on-premises location (the site) for routing purposes. You give the site a name by which Azure can refer to it, then specify the IP address of the on-premises VPN device to which you'll create a connection. You also specify the IP address prefixes that will be routed through the VPN gateway to the VPN device. The address prefixes you specify are the prefixes located on your on-premises network. If your on-premises network changes or you need to change the public IP address for the VPN device, you can easily update the values later.

<https://learn.microsoft.com/en-us/azure/vpn-gateway/tutorial-site-to-site-portal>

upvoted 5 times

VinnyMacD 1 year, 2 months ago

Local - means creating a resource in your DC.

Ask is - You need to create an "Azure resource" that defines the VPN "appliance in Azure."

Answer is - Virtual Network Gateway.

upvoted 11 times

rekab18 9 months, 1 week ago

The Virtual Network Gateway in Azure is used to create a VPN connection between your on-premises network and Azure. It can handle site-to-site VPN connections, allowing your on-premises network to extend into Azure.

upvoted 1 times

Mdorgham 1 year, 9 months ago

It is not "on prem" ! It clearly mentioned ["Azure resource" that defines the VPN appliance "in Azure."]...it must be VGW only as an "Azure resource" representing a VPN appliance in "Azure".

upvoted 7 times

ShubahmMaurya Highly Voted 3 years, 1 month ago

Today 3 SEP 2021, this question was came.

upvoted 35 times

londonite 1 year, 9 months ago

question was came

upvoted 31 times

Sarmad_Mansour 1 year, 9 months ago

Not funny, a lot of people do not use English as a 2nd / 3rd language. Please do not judge others.

upvoted 42 times

dongboy 1 year, 8 months ago

I thought it was funny

upvoted 41 times

  **wakyntaky** Most Recent 3 weeks, 5 days ago

To extend your company's network to Azure and define the VPN appliance with the IP address 131.107.200.1, you need to create a Local Network Gateway in Azure.

The Local Network Gateway resource in Azure is used to represent the on-premises location (your company's network) within Azure.

   upvoted 1 times

  **Lakadbhagga** 1 month, 3 weeks ago

On-premises (Local Network Gateway): The Local Network Gateway contains information about the on-premises VPN device and the IP address ranges that are reachable through it. This allows Azure to know how to route traffic to the on-premises network.

Cloud (Azure Virtual Network Gateway): In Azure, a Virtual Network Gateway is used to manage encrypted traffic between the Azure network and the on-premises network.

   upvoted 1 times

  **e3ddceb** 3 months, 3 weeks ago

Local Network Gateway.

A Local Network Gateway in Azure represents your on-premises VPN appliance. It is used to define the IP address of the VPN device and the on-premises IP ranges (address spaces) that can be routed through the VPN tunnel to Azure.

   upvoted 1 times

  **Amolaz900** 6 months, 1 week ago

Virtual Network Gateway is the service that defines the vpn application in azure. Local gateway is to identify local address in azure.

So clearly answer is Virtual Network Gateway

   upvoted 1 times



  **yidnekachew** 7 months ago

here the question is which azure resource do you need to create or use to create an Azure resource that defines the VPN appliance in Azure.

In Azure, you don't create a resource that directly defines a VPN appliance. Instead, you create a Virtual Network Gateway (VNet Gateway) which acts as a managed VPN service. This gateway routes traffic between your Azure virtual network and an on-premises location or another Azure virtual network.

so the answer is Virtual Network Gateway

   upvoted 1 times

  **jason52871** 7 months ago

As I understand when you are creating a VPN, there are 2 endpoints - Azure and On Premise.

In On premise device you need to have Azure configuration along with local config and in Azure you need to have On premise configuration with local config.

Azure configuration in Azure is added by Virtual network gateway.

On premise configuration in Azure is added by Local network gateway.

Here it asks about VPN appliance in Azure --> Virtual network gateway

   upvoted 1 times

  **Fmy** 7 months, 1 week ago

It should be VPN Gateway: <https://learn.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-about-vpn-devices>

   upvoted 1 times

  **jbinfl** 7 months, 2 weeks ago

On exam 03-2024

   upvoted 2 times

  **Pratiksha0401** 8 months, 1 week ago

To define the VPN appliance in Azure and extend your company's network, you would typically create a Virtual Network Gateway resource in Azure.

Virtual Network Gateway is the Azure resource that allows you to establish a secure connection between your on-premises network and your Azure virtual network. It acts as a VPN endpoint in Azure.

So, the correct Azure resource to create in this scenario is:

Virtual Network Gateway

   upvoted 2 times

  **rakun** 8 months, 2 weeks ago

You plan to extend your company's network to Azure. -> Local network already exists.

The network contains a VPN appliance that uses an IP address of 131.107.200.1. -> meaning there is some kind of router/VPN Device in place locally in your DC.

router/VPN device in place, locally in your DC.

You need to create an Azure resource that defines the VPN appliance in Azure. -> VIRTUAL NETWORK

Check the title and the first image in the link:

<https://learn.microsoft.com/en-us/microsoft-365/enterprise/connect-an-on-premises-network-to-a-microsoft-azure-virtual-network?view=o365-worldwide>

   upvoted 2 times

  **gfalconx** 11 months, 1 week ago

The answer here is local network gateway as it implies to your local network.

   upvoted 1 times

  **dgerok** 12 months ago

The local network gateway

   upvoted 1 times

  **SAFM** 1 year ago

But, now I think it should be a Virtual network gateway; see here: Azure VPN Gateway is a service that uses a specific type of virtual network gateway to send encrypted traffic between an Azure virtual network and on-premises locations over the public Internet.

   upvoted 1 times

  **SAFM** 1 year ago

I have not seen this topic in the study collections. However, I found this page, which might support the answer provided here (Local network gateway): <https://learn.microsoft.com/en-us/azure/vpn-gateway/tutorial-site-to-site-portal#LocalNetworkGateway>

It is a bit frustrating that the question is vague and the topic was not included within the study topics....

   upvoted 2 times

  **testdumps2017** 1 year, 2 months ago

<https://learn.microsoft.com/en-us/azure/vpn-gateway/tutorial-site-to-site-portal>; "The local network gateway is a specific object that represents your on-premises location (the site) for routing purposes. You give the site a name by which Azure can refer to it, then specify the IP address of the on-premises VPN device to which you'll create a connection" (Create a local network gateway)

   upvoted 2 times

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