Exam AZ-700 topic 3 question 2 discussion

Type your comment...

Submit

jellybiscuit `Highly Voted` 1 year, 7 months ago
The answers depend on some assumptions.
Is there actually a vpn gateway sitting in that gateway subnet?
If so, is it configured for BGP? If so, then...

N - all outbound traffic from VM2 is sent to the internet
N - by default, subnets within a vnet can communicate. (I'm assuming that a NSG isn't blocking)
Y - all outbound traffic from VM1 is sent to the VPN gateway

BGP eliminates the need for a local azure route table.
upvoted 36 times

    Ajdlfasudfo0 1 year, 5 months ago
    VPN: You can, optionally use BGP. For details, see BGP with site-to-site VPN connections.

    There is no mentioning of BGP so you can't simply assume we have it set up
    https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-udr-overview#border-gateway-protocol
    upvoted 2 times

kimalto452 `Highly Voted` 1 year, 8 months ago
incorrect, the answer is NYY
upvoted 26 times

    aklas 11 months, 4 weeks ago
    No you're wrong. Given answer is correct. The subnets are in the same VNet so there is a local route between them which is more specific than 0.0.0.0
    upvoted 8 times

        CristianM99 9 months, 2 weeks ago
        Aklas explanation is correct. The answer is NNY
        upvoted 3 times

Lazylinux `Most Recent` 9 months, 2 weeks ago

Given answer is correct

N- all outbound traffic from VM2 is sent to the internet by default as use route table RT2

N - Since both subnets are part of the same vNET1 hence communicate directly with each other

Y - Since VM1 uses RT1 and RT1 has VPNGWY as its default GWY then VM1 uses this for its internet access

upvoted 4 times

occupatissimo 1 year ago

NNY
Third answer look at: https://learn.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-forced-tunneling-rm.

upvoted 2 times

khanda 1 year ago

Correct answer: NNY
Check comments

upvoted 1 times

DerekKey 1 year, 4 months ago

No | No | Yes
Yes -> Forced tunneling is carried out by using a virtual private network (VPN) tunnel; this tunnel requires a default site, a local gateway where all the Azure Internet-bound traffic is redirected.

upvoted 6 times

NoeHdzMll 1 year, 5 months ago

Correct answer
N - all outbound traffic from VM2 is sent to the internet by default
N - the effective route table show the all the the subnet on the same VNET as a more specific one than the default route and Gateway routes. So subnets within a vnet can communicate can communicate directly.
Y - all outbound traffic from VM1 is sent to the VPN gateway

upvoted 3 times

Takloy 1 year, 5 months ago

By New York Site-to-site- VPN Connection, I assume whenever the traffic hits the VPN Gateway from the default route in Route1. Am I right? so my answer is NYY

upvoted 1 times

Edzor 1 year, 6 months ago

Given answer is correct, since New York local gateway is the default site (forced tunneling) to the VPN https://learn.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-forced-tunneling-rm

(GatewayDefaultSite)
upvoted 3 times

DeepMoon 1 year, 7 months ago
Given answers are wrong.

Don't think too hard in trying to draw a logical network diagram in your head.

Simply realize NY is 10.9.0.0 (not on any of the route tables).
So nothing is routed through the NY. All answers are

Q1: No
Q2: No
Q3: No
upvoted 11 times

[Removed] 1 year, 7 months ago
I agree, there is no default route towards NY
upvoted 3 times

DeepMoon 1 year, 7 months ago
I have no idea of creating a logical diagram of this network. Can someone help me out here?
Where is NY & Seattle relative to subnet1 & subnet 2.

My drawing would be

| Vnet1- boundary subnet1(vm1) | subnet2 (vm2) vnet1-boundary |

Which way is internet?
Which way is VirtualNetworkGateway?
Which way is NY
Which way is Seattle?
upvoted 2 times

AdityaGupta 1 year, 7 months ago
Given answers are correct.
upvoted 5 times

tkcltoh 1 year, 7 months ago
default route is 0.0.0.0/0 internet. RT1 route is UDR therefore VM1 to VM2 is communicates via VPN

Prutser2 1 year, 7 months ago

from subnet1 to subnet 2 (vm1 to VM2), uses intra vnet, as its a longer match, would not choose default gateway

RollinDeep 1 year, 8 months ago

NNY. VM1 to VM2 are routed within Vnet1. RT1 and RT2 define default routes.

Cristoicach91 1 year, 8 months ago

correct