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Fortinet

FCP_ZCS_AD-7.4

FCP - Azure Cloud Security 7.4 Administrator



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Latest Version: 6.0

Question: 1

Which output was taken on a VM running in Azure?

A)

```
C:\Users\azadmin>arp -a

Interface: 10.0.1.5 --- 0x2
  Internet Address      Physical Address      Type
  10.0.1.1              01-23-45-67-89-AB  dynamic
  10.0.1.255            ff-ff-ff-ff-ff-ff  static
  224.0.0.2              01-00-05-00-00-02  static
```

B)

```
C:\Users\azadmin>arp -a

Interface: 192.168.0.5 --- 0x2
  Internet Address      Physical Address      Type
  192.168.0.1            12-34-56-78-9A-BC  dynamic
  192.168.0.255          ff-ff-ff-ff-ff-ff  static
  224.0.0.2              01-00-05-00-00-02  static
```

C)

```
C:\Users\azadmin>arp -a

Interface: 172.16.0.5 --- 0x2
  Internet Address      Physical Address      Type
  172.16.0.1              AB-C0-12-34-56-78  dynamic
  172.16.0.255            ff-ff-ff-ff-ff-ff  static
  224.0.0.2              01-00-05-00-00-02  static
```

D)

```
C:\Users\azadmin>arp -a
```

```
Interface: 10.0.1.5 --- 0x2
```

Internet Address	Physical Address	Type
10.0.1.1	d8-34-99-c5-0A-BC	dynamic
10.0.1.255	ff-ff-ff-ff-ff-ff	static
224.0.0.2	01-00-05-00-00-02	static

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: D

Explanation:

Azure assigns MAC addresses in a specific Organizationally Unique Identifier (OUI) range. The MAC address d8-34-99-c5-0A-BC begins with d8-34-99, which is a Microsoft-assigned OUI used in Azure virtual networks. This strongly indicates the output was taken from a VM running in Azure.

Question: 2

When you deploy a single FortiGate VM using the available template from the Azure Marketplace, several other resources are also created.

Which two resources, among others, are created during the process? (Choose two.)

- A. Two virtual NICs
- B. One NSG for each interface
- C. One VM Scale set
- D. One new route table

Answer: A, B

Explanation:

Two virtual NICs – The FortiGate Azure Marketplace template deploys the VM with at least two network interfaces: one for the external/public interface and one for the internal/private interface.

One NSG for each interface – The deployment creates separate Network Security Groups (NSGs) attached to each NIC to control inbound and outbound traffic as per Fortinet's best practices.

Question: 3

Which role does the local network gateway play in FortiGate to Azure VPN connectivity?

- A. It manages the encryption keys for the VPN connection
- B. It represents the Azure VPN Gateway in the FortiGate configuration
- C. It defines the IP addresses of the on-premises network
- D. It is responsible for load balancing traffic between FortiGate and Azure

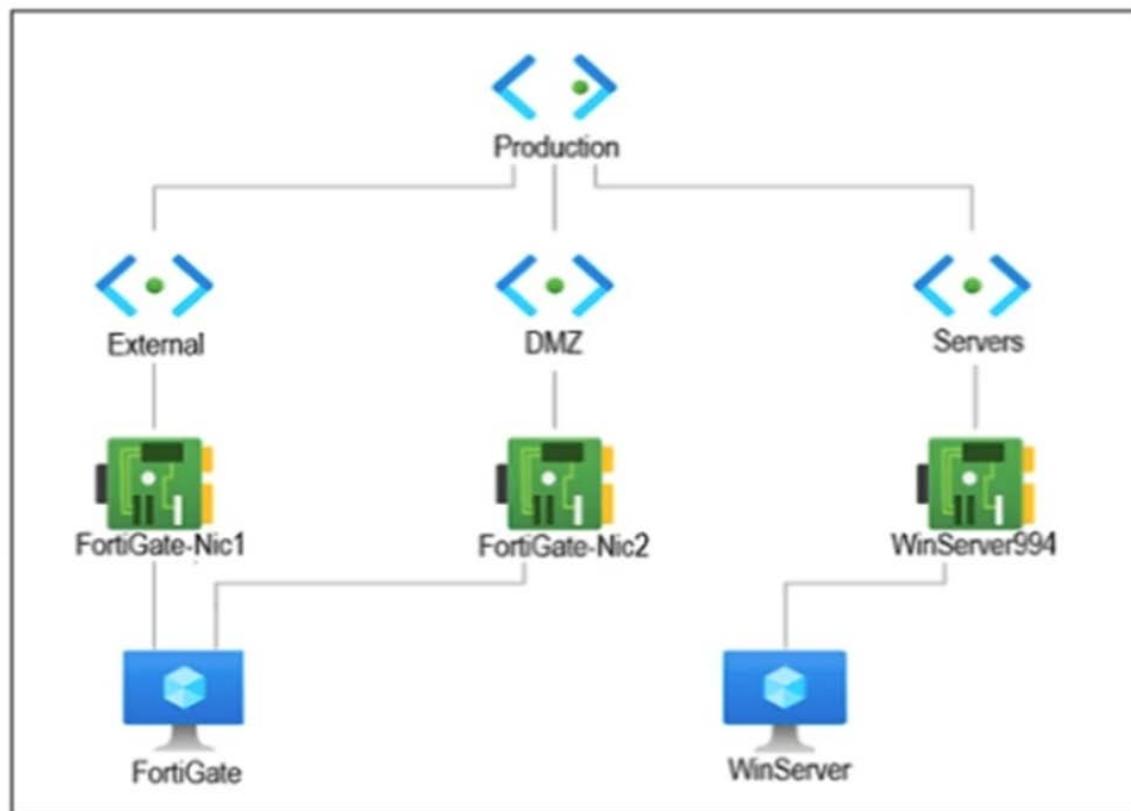
Answer: C

Explanation:

The local network gateway in Azure represents the on-premises VPN device (such as FortiGate) and defines the on-premises public IP address and the address prefixes of the on-premises network. This is essential for configuring site-to-site VPN connections from Azure to FortiGate.

Question: 4

Refer to the exhibit.



You are troubleshooting a network connectivity issue between two VMs that are deployed in Azure.

One VM is a FortiGate that has one interface in the DMZ subnet, which is in the Production VNet. The other VM is a Windows Server in the Servers subnet, which is also in the Production VNet. You cannot ping the Windows Server from the FortiGate VM.

What is the reason for this?

- A. You have not created a VPN to allow traffic between those subnets
- B. By default, Azure does not allow ICMP traffic between subnets
- C. The firewall in the Windows VM is blocking the traffic
- D. You have not configured a user-defined route for this traffic

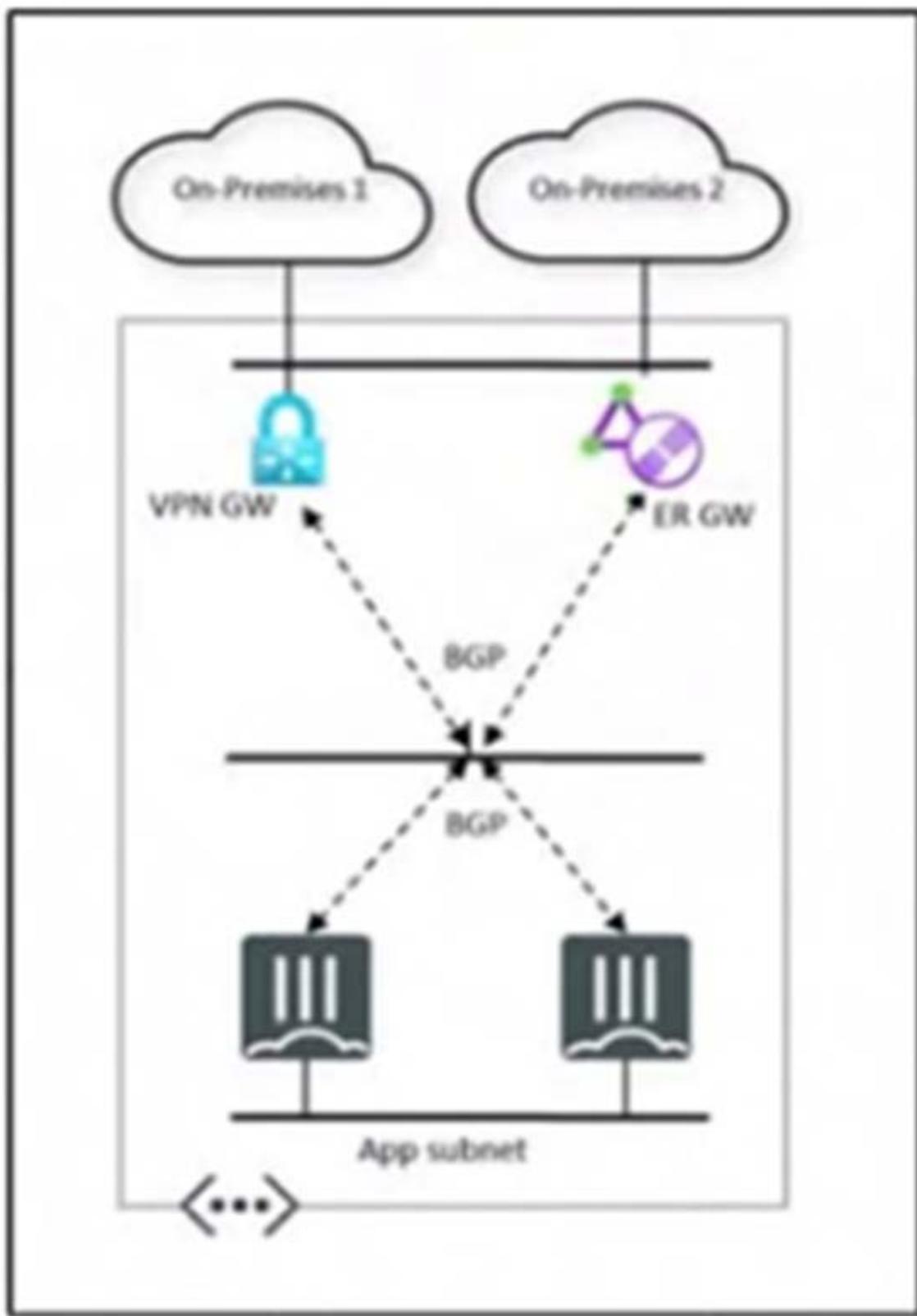
Answer: C

Explanation:

The FortiGate VM and the Windows Server VM are in different subnets but within the same Production virtual network, which means they can communicate by default unless restricted. Azure allows ICMP between subnets, but Windows VMs have ICMP blocked by default in their firewall settings. Therefore, the likely reason for the ping failure is that the Windows Server's firewall is blocking ICMP (ping) traffic.

Question: 5

Refer to the exhibit.



In an expanding corporation, the different branches share resources connecting to Azure through Azure VPN Gateway and ExpressRoute Gateway.

Which Azure solution can you implement to simplify and centralize the seamless sharing of the dynamic routing between FortiGate VMs and branches?

- A. Azure Route Server
- B. Azure Traffic Manager
- C. Azure Virtual Hub
- D. Azure Virtual WAN

Answer: A

Explanation:

Azure Route Server simplifies dynamic routing by allowing your FortiGate VMs to exchange BGP routes directly with Azure's networking fabric. This eliminates the need to manually update route tables and enables seamless, centralized communication between on-premises branches and Azure resources through both VPN Gateway and ExpressRoute Gateway.

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