

# Fortinet

## Exam Questions NSE7\_PBC-6.4

Fortinet NSE 7 - Public Cloud Security 6.4



### NEW QUESTION 1

What is the bandwidth limitation of an Amazon Web Services (AWS) transit gateway VPC attachment?

- A. Up to 1.25 Gbps per attachment
- B. Up to 50 Gbps per attachment
- C. Up to 10 Gbps per attachment
- D. Up to 1 Gbps per attachment

**Answer: A**

### NEW QUESTION 2

Refer to the exhibit.

The exhibit shows two screenshots of the AWS Management Console, specifically the 'Networking' tab for two different EC2 instances, both of which are FortiGate VMs.

**Instance 1: i-0a0817cffac147f0c (FortigateHA-FortiGate1)**

- Public IPv4 address: (empty)
- Private IPv4 addresses:
  - 10.0.4.11
  - 10.0.3.11
  - 10.0.1.11
  - 10.0.0.11

**Instance 2: i-0e758edd9a8cf1d64 (FortigateHA-FortiGate2)**

- Public IPv4 address: (empty)
- Private IPv4 addresses:
  - 10.0.1.12
  - 10.0.0.12
  - 10.0.3.12
  - 10.0.4.12

You are configuring an active-passive FortiGate clustering protocol (FGCP) HA configuration in a single availability zone in Amazon Web Services (AWS), using a cloud formation template.

After deploying the template, you notice that the AWS console has IP information listed in the FortiGate VM firewalls in the HA configuration. However, within the configuration of FortiOS, you notice that port1 is using an IP of 10.0.0.13, and port2 is using an IP of 10.0.1.13.

What should you do to correct this issue?

- A. Configure FortiOS to use static IP addresses with the IP addresses reflected in the ENI primary IP address configuration (as per the exhibit).
- B. Delete the deployment and start again
- C. You have in put the wrong parameters during the cloud formation template deployment.
- D. Configure FortiOS to use DHCP so that it will get the correct IP addresses on the ports.
- E. Nothing, in AWS cloud, it is normal for a FortiGate ENI primary IP address to be different than the FortiOS IP address configuration.

**Answer: C**

### NEW QUESTION 3

Your company deploys FortiGate VM devices in high availability (HA) (active-active) mode with Microsoft Azure load balancers using the Microsoft Azure ARM template. Your senior administrator instructs you to connect to one of the FortiGate devices and configure the necessary firewall rules. However, you are not sure now to obtain the correct public IP address of the deployed FortiGate VM and identify the access ports.

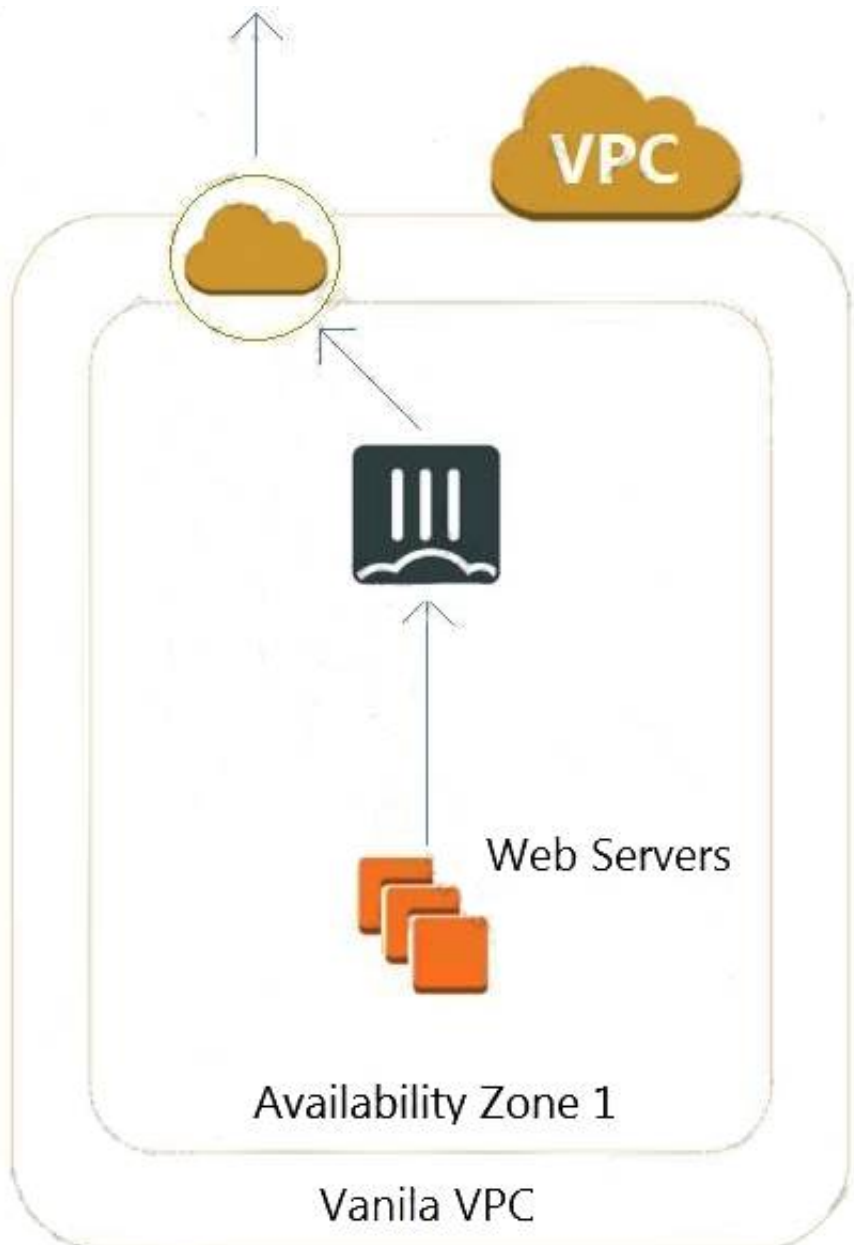
How do you obtain the public IP address of the FortiGate VM and identify the correct ports to access the device?

- A. In the configured load balancer, access the inbound NAT rules section.
- B. In the configured load balancer, access the backend pools section.
- C. In the configured load balancer, access the inbound and outbound NAT rules section.
- D. In the configured load balancer, access the health probes section.

**Answer: C**

### NEW QUESTION 4

Refer to the exhibit.



A customer has deployed an environment in Amazon Web Services (AWS) and is now trying to send outbound traffic from the Web servers to the Internet. The FortiGate policies are configured to allow all outbound traffic; however, the traffic is not reaching the FortiGate internal interface. What are two possible reasons for this behavior? (Choose two.)

- A. The web servers are not configured with the default gateway.
- B. The Internet gateway (IGW) is not added to VPC (virtual private cloud).
- C. AWS source and destination checks are enabled on the FortiGate interfaces.
- D. AWS security groups may be blocking the traffic.

**Answer:** AD

#### NEW QUESTION 5

An organization deploys a FortiGate-VM (VM04 / c4.xlarge) in Amazon Web Services (AWS) and configures two elastic network interfaces (ENIs). Now, the same organization wants to add additional ENIs to support different workloads in their environment. Which action can you take to accomplish this?

- A. None, you cannot create and add additional ENIs to an existing FortiGate-VM.
- B. Create the ENI, shut down FortiGate, attach the ENI to FortiGate, and then start FortiGate.
- C. Create the ENI, attach it to FortiGate, and then restart FortiGate.
- D. Create the ENI and attach it to FortiGate.

**Answer:** B

#### NEW QUESTION 6

Refer to the exhibit.

```

207     "osDisk": {
208       "osType": "Linux",
209       "name": "sstentazfgt0402build3232disk01",
210       "caching": "ReadWrite",
211       "createOption": "Empty",
212       "managedDisk": {
213         "storageAccountType": "Standard_LRS"
214       },
215       "diskSizeGB": 2
216     },
217     "dataDisks": [
218       {
219         "lun": 0,
220         "name": "sstentazfgt0402build3232disk02",
221         "createOption": "Empty",
222         "caching": "None",
223         "managedDisk": {
224           "storageAccountType": "Standard_LRS"
225         },
226         "diskSizeGB": 30
227       }
228     ]
229   },

```

You attempted to deploy the FortiGate-VM in Microsoft Azure with the JSON template, and it failed to boot up. The exhibit shows an excerpt from the JSON template.

What is incorrect with the template?

- A. The LUN ID is not defined.
- B. FortiGate-VM does not support managedDisk from Azure.
- C. The caching parameter should be None.
- D. The CreateOptions parameter should be FromImage.

**Answer: D**

#### NEW QUESTION 7

Refer to the exhibit.

The output is simplified for clarity.

```

config route
  edit "SSTENTAZFGT-0302-Nic-01"
    config ip
      edit "SSTENTAZFGT-0302-Nic-01"
        set public-ip "SSTENTAZFGT-03-FloatingPIP"
      next
    end
  next
end
config route-table
  edit "FortigateUDR-01"
    config route
      edit "defaultroute"
        set next-hop "172.29.32.71"
      next
      edit "RouteToSST-ENT-AZ-Demo-03-vNet01-Subnet-07"
        set next-hop "172.29.32.71"
      next
      edit "RouteToSST-ENT-AZ-Demo-03-vNet01-Subnet-08"
        set next-hop "172.29.32.71"
      next
    end
  next
end
end
SSTENTAZFGT-0302 #

```

Consider an active-passive HA deployment in Microsoft Azure. The exhibit shows an excerpt from the passive FortiGate-VM node.

If the active FortiGate-VM fails, what are the results of the API calls made by the FortiGate named SSTENTAZFGT-0302? (Choose two.)

- A. SSTENTAZFGT-03-FloatingPIP is assigned to the IP configuration with the name SSTENTAZFGT- 0302-Nic-01, under the network interface SSTENTAZFGT-0302-Nic-01
- B. 172.29.32.71 is set as a next hop IP for all routes under FortigateUDR-01
- C. The network interface of the active unit moves to itself
- D. SSTENTAZFGT-03-FloatingPIP public IP is assigned to NIC SSTENTAZFGT-0302-Nic-01

**Answer: AB**



#### NEW QUESTION 8

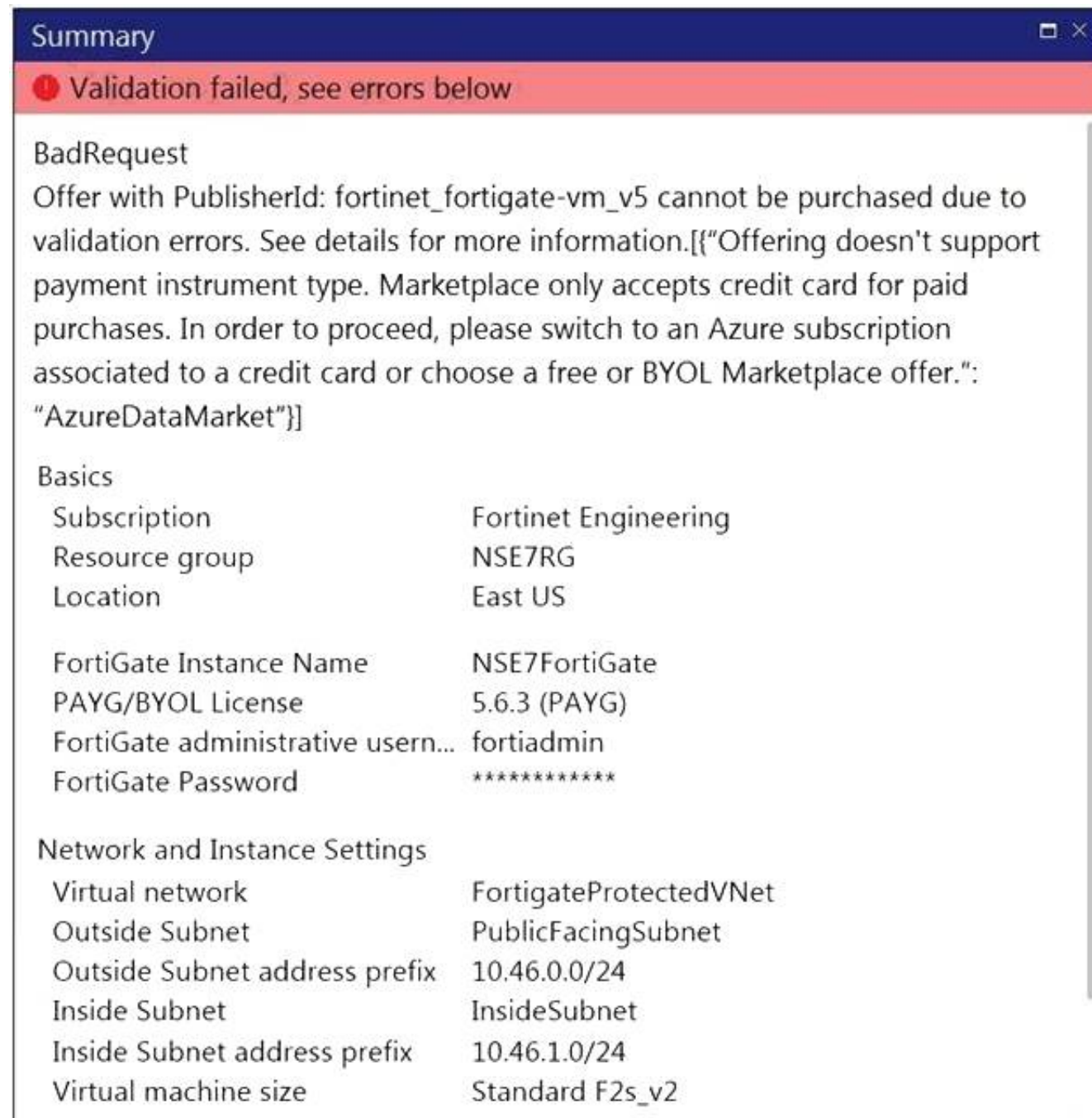
Which two statements about Amazon Web Services (AWS) networking are correct? (Choose two.)

- A. Proxy ARP entries are disregarded.
- B. 802.1q VLAN tags are allowed inside the same virtual private cloud.
- C. AWS DNS reserves the first host IP address of each subnet.
- D. Multicast traffic is not allowed.

**Answer:** CD

#### NEW QUESTION 9

Refer to the exhibit.



**Summary**

**Validation failed, see errors below**

**BadRequest**  
 Offer with PublisherId: fortinet\_fortigate-vm\_v5 cannot be purchased due to validation errors. See details for more information. [{"Offering doesn't support payment instrument type. Marketplace only accepts credit card for paid purchases. In order to proceed, please switch to an Azure subscription associated to a credit card or choose a free or BYOL Marketplace offer."}]

**Basics**

Subscription	Fortinet Engineering
Resource group	NSE7RG
Location	East US
FortiGate Instance Name	NSE7FortiGate
PAYG/BYOL License	5.6.3 (PAYG)
FortiGate administrative usern...	fortiadmin
FortiGate Password	*****

**Network and Instance Settings**

Virtual network	FortigateProtectedVNet
Outside Subnet	PublicFacingSubnet
Outside Subnet address prefix	10.46.0.0/24
Inside Subnet	InsideSubnet
Inside Subnet address prefix	10.46.1.0/24
Virtual machine size	Standard F2s_v2

You are deploying a FortiGate-VM in Microsoft Azure using the PAYG/On-demand licensing model. After you configure the FortiGate-VM, the validation process fails, displaying the error shown in the exhibit.

What caused the validation process to fail?

- A. You selected the incorrect resource group.
- B. You selected the Bring Your Own License (BYOL) licensing mode.
- C. You selected the PAYG/On-demand licensing model, but did not select correct virtual machine size.
- D. You selected the PAYG/On-demand licensing model, but did not associate a valid Azure subscription.

**Answer:** A

#### NEW QUESTION 10

An organization deployed a FortiGate-VM in the Google Cloud Platform and initially configured it with two vNICs. Now, the same organization wants to add additional vNICs to this existing FortiGate-VM to support different workloads in their environment. How can they do this?

- A. They can create additional vNICs using the Cloud Shell.
- B. They cannot create and add additional vNICs to an existing FortiGate-VM.
- C. They can create additional vNICs in the UI console.
- D. They can use the Compute Engine API Explorer.

**Answer:** D

#### NEW QUESTION 10

An Amazon Web Services (AWS) auto-scale FortiGate cluster has just experienced a scale-down event, terminating a FortiGate in availability zone C. This has now black-holed the private subnet in this availability zone.

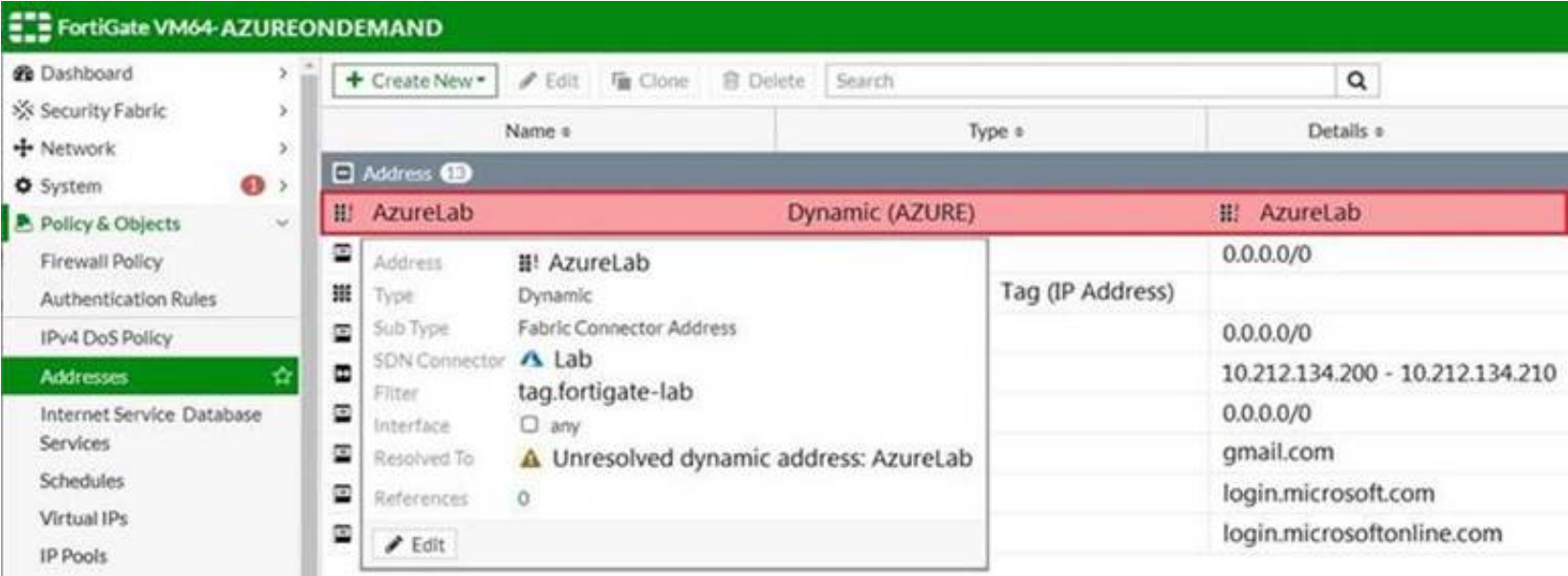
What action will the worker node automatically perform to restore access to the black-holed subnet?

- A. The worker node applies a route table from a non-black-holed subnet to the black-holed subnet.
- B. The worker node moves the virtual IP of the terminated FortiGate to a running FortiGate on the worker node's private subnet interface.
- C. The worker node modifies the route table applied to the black-holed subnet changing its default route to point to a running FortiGate on the worker node's private subnet interface.
- D. The worker node migrates the subnet to a different availability zone.

Answer: D

NEW QUESTION 14

Refer to the exhibit.



Your senior administrator successfully configured a FortiGate fabric connector with the Azure resource manager, and created a dynamic address object on the FortiGate VM to connect with a windows server in Microsoft Azure. However, there is now an error on the dynamic address object, and you must resolve the issue. How do you resolve this issue?

- A. Run diagnose debug application azd -l on FortiGate.
- B. In the Microsoft Azure portal, set the correct tag values for the windows server.
- C. In the Microsoft Azure portal, access the windows server, obtain the private IP address, and assign the IP address under the FortiGate-VM AzureLab address object.
- D. Delete the address object and recreate a new address object with the type set to FQDN.

Answer: C

NEW QUESTION 17

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