

## Exam Questions NSE7\_PBC-6.4

Fortinet NSE 7 - Public Cloud Security 6.4

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### 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.

In your Amazon Web Services (AWS) virtual private cloud (VPC), you must allow outbound access to the internet and upgrade software on an EC2 instance, without using a NAT instance. This specific EC2 instance is running in a private subnet: 10.0.1.0/24. Also, you must ensure that the EC2 instance source IP address is not exposed to the public internet. There are two subnets in this VPC in the same availability zone, named public (10.0.0.0/24) and private (10.0.1.0/24). How do you achieve this outcome with minimum configuration?

- A. Deploy a NAT gateway with an EIP in the private subnet, edit the public main routing table, and change the destination route 0.0.0.0/0 to the target NAT gateway.
- B. Deploy a NAT gateway with an EIP in the public subnet, edit route tables, select Public-route, and delete the route destination 10.0.0.0/16 to target local.
- C. Deploy a NAT gateway with an EIP in the private subnet, edit route tables, select Private-route, and add a new route destination 0.0.0.0/0 to the target internet gateway.
- D. Deploy a NAT gateway with an EIP in the public subnet, edit route tables, select Private-route and add a new route destination 0.0.0.0/0 to target the NAT gateway.

Answer: C

### NEW QUESTION 3

You have been tasked with deploying FortiGate VMs in a highly available topology on the Amazon Web Services (AWS) cloud. The requirements for your deployment are as follows:

- You must deploy two FortiGate VMs in a single virtual private cloud (VPC), with an external elastic load balancer which will distribute ingress traffic from the internet to both FortiGate VMs in an active-active topology.
- Each FortiGate VM must have two elastic network interfaces: one will connect to a public subnet and other will connect to a private subnet.
- To maintain high availability, you must deploy the FortiGate VMs in two different availability zones. How many public and private subnets will you need to configure within the VPC?

- A. One public subnet and two private subnets
- B. Two public subnets and one private subnet
- C. Two public subnets and two private subnets
- D. One public subnet and one private subnet

Answer: A

### NEW QUESTION 4

When an organization deploys a FortiGate-VM in a high availability (HA) (active/active) architecture in Microsoft Azure, they need to determine the default timeout values of the load balancer probes.

In the event of failure, how long will Azure take to mark a FortiGate-VM as unhealthy, considering the default timeout values?

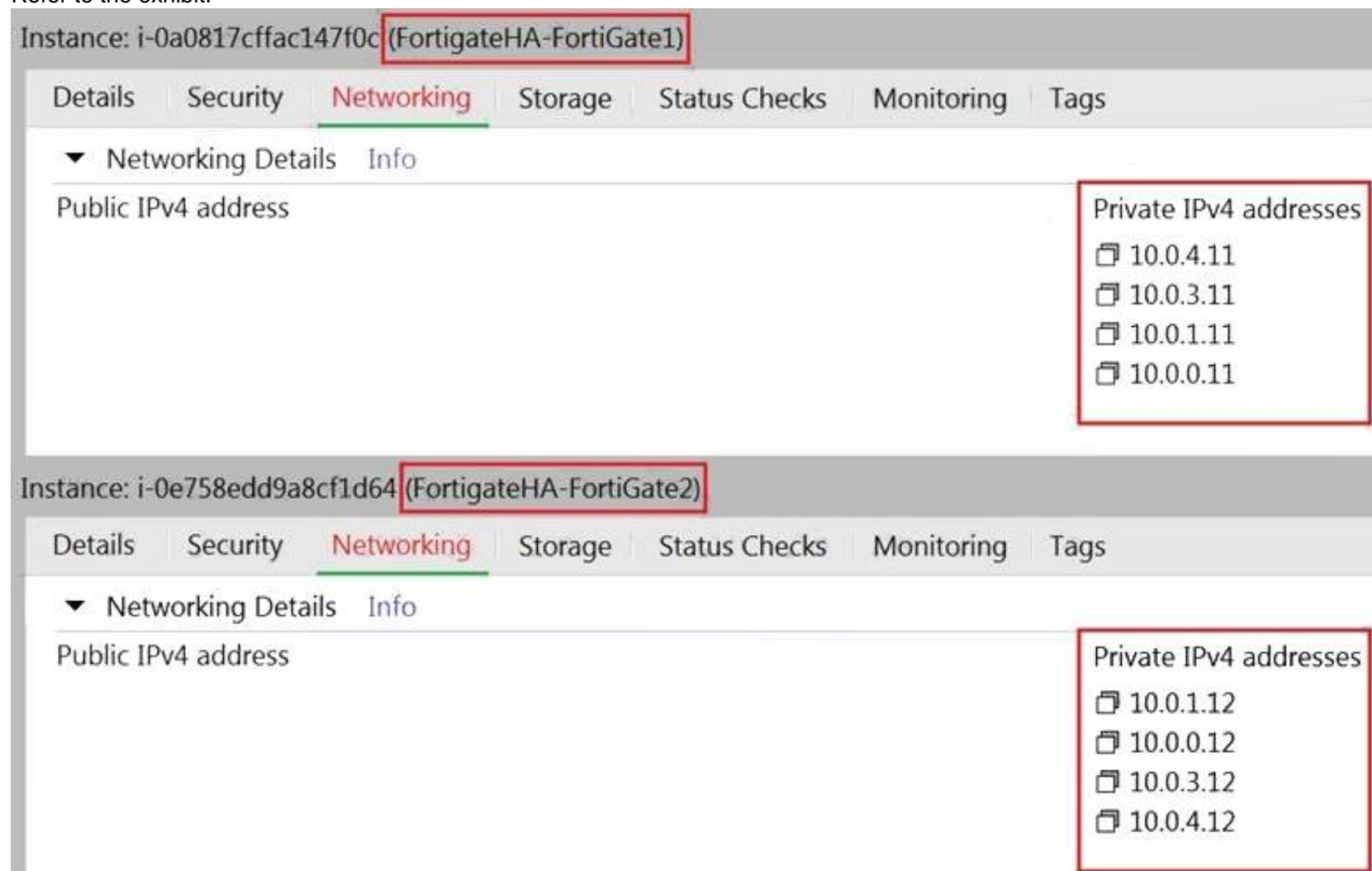
- A. Less than 10 seconds

- B. 30 seconds
- C. 20 seconds
- D. 16 seconds

**Answer: B**

#### NEW QUESTION 5

Refer to the exhibit.



The exhibit shows two AWS EC2 instances of FortiGate VMs. Instance 1 (FortigateHA-FortiGate1) has a Public IPv4 address and Private IPv4 addresses: 10.0.4.11, 10.0.3.11, 10.0.1.11, and 10.0.0.11. Instance 2 (FortigateHA-FortiGate2) has a Public IPv4 address and Private IPv4 addresses: 10.0.1.12, 10.0.0.12, 10.0.3.12, and 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 6

You need to deploy FortiGate VM devices in a highly available topology in the Microsoft Azure cloud. The following are the requirements of your deployment:

- Two FortiGate devices must be deployed; each in a different availability zone.
- Each FortiGate requires two virtual network interfaces: one will connect to a public subnet and the other will connect to a private subnet.
- An external Microsoft Azure load balancer will distribute ingress traffic to both FortiGate devices in an active- active topology.
- An internal Microsoft Azure load balancer will distribute egress traffic from protected virtual machines to both FortiGate devices in an active-active topology.
- Traffic should be accepted or denied by a firewall policy in the same way by either FortiGate device in this topology.

Which FortiOS CLI configuration can help reduce the administrative effort required to maintain the FortiGate devices, by synchronizing firewall policy and object configuration between the FortiGate devices?

- A. config system sdn-connector
- B. config system ha
- C. config system auto-scale
- D. config system session-sync

**Answer: B**

#### NEW QUESTION 7

You have previously deployed an Amazon Web Services (AWS) transit virtual private cloud (VPC) with a pair of FortiGate firewalls (VM04 / c4.xlarge) as your security perimeter. You are beginning to see high CPU usage on the FortiGate instances.

Which action will fix this issue?

- A. Convert the c4.xlarge instances to m4.xlarge instances.
- B. Migrate the transit VPNs to new and larger instances (VM08 / c4.2xlarge).
- C. Convert from IPsec tunnels to generic routing encapsulation (GRE) tunnels, for the VPC peering connections.
- D. Convert the transit VPC firewalls into an auto-scaling group and launch additional EC2 instances in that group.

Answer: D

#### NEW QUESTION 8

Which three properties are configurable Microsoft Azure network security group rule settings? (Choose three.)

- A. Action
- B. Sequence number
- C. Source and destination IP ranges
- D. Destination port ranges
- E. Source port ranges

Answer: ADE

#### NEW QUESTION 9

Which statement about FortiSandbox in Amazon Web Services (AWS) is true?

- A. In AWS, virtual machines (VMs) that inspect files do not have to be reset after inspecting a file.
- B. FortiSandbox in AWS uses Windows virtual machines (VMs) to inspect files.
- C. In AWS, virtual machines (VMs) that inspect files are constantly up and running.
- D. FortiSandbox in AWS can have a maximum of eight virtual machines (VMs) that inspect files.

Answer: C

#### NEW QUESTION 10

Which two statements about Microsoft Azure network security groups are true? (Choose two.)

- A. Network security groups can be applied to subnets and virtual network interfaces.
- B. Network security groups can be applied to subnets only.
- C. Network security groups are stateless inbound and outbound rules used for traffic filtering.
- D. Network security groups are a stateful inbound and outbound rules used for traffic filtering.

Answer: BD

#### NEW QUESTION 10

Customer XYZ has an ExpressRoute connection from Microsoft Azure to a data center. They want to secure communication over ExpressRoute, and to install an in-line FortiGate to perform intrusion prevention system (IPS) and antivirus scanning.

Which three methods can the customer use to ensure that all traffic from the data center is sent through FortiGate over ExpressRoute? (Choose three.)

- A. Install FortiGate in Azure and build a VPN tunnel to the data center over ExpressRoute
- B. Configure a user-defined route table
- C. Enable the redirect option in ExpressRoute to send data center traffic to a user-defined route table
- D. Configure the gateway subnet as the subnet in the user-defined route table
- E. Define a default route where the next hop IP is the FortiGate WAN interface

Answer: CDE

#### NEW QUESTION 11

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 14

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 16

When configuring the FortiCASB policy, which three configuration options are available? (Choose three.)

- A. Intrusion prevention policies
- B. Threat protection policies
- C. Data loss prevention policies
- D. Compliance policies
- E. Antivirus policies

**Answer:** BCD

#### NEW QUESTION 19

You have been asked to develop an Azure Resource Manager infrastructure as a code template for the FortiGate-VM, that can be reused for multiple deployments. The deployment fails, and errors point to the storageAccount name.

Which two are restrictions for a storageAccount name in an Azure Resource Manager template? (Choose two.)

- A. The uniqueString() function must be used.
- B. The storageAccount name must use special characters.
- C. The storageAccount name must be in lowercase.
- D. The storageAccount name must contain between 3 and 24 alphanumeric characters.

**Answer:** AC

#### NEW QUESTION 22

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