

Fortinet

Exam Questions NSE7_PBC-6.4

Fortinet NSE 7 - Public Cloud Security 6.4



NEW QUESTION 1

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 2

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 3

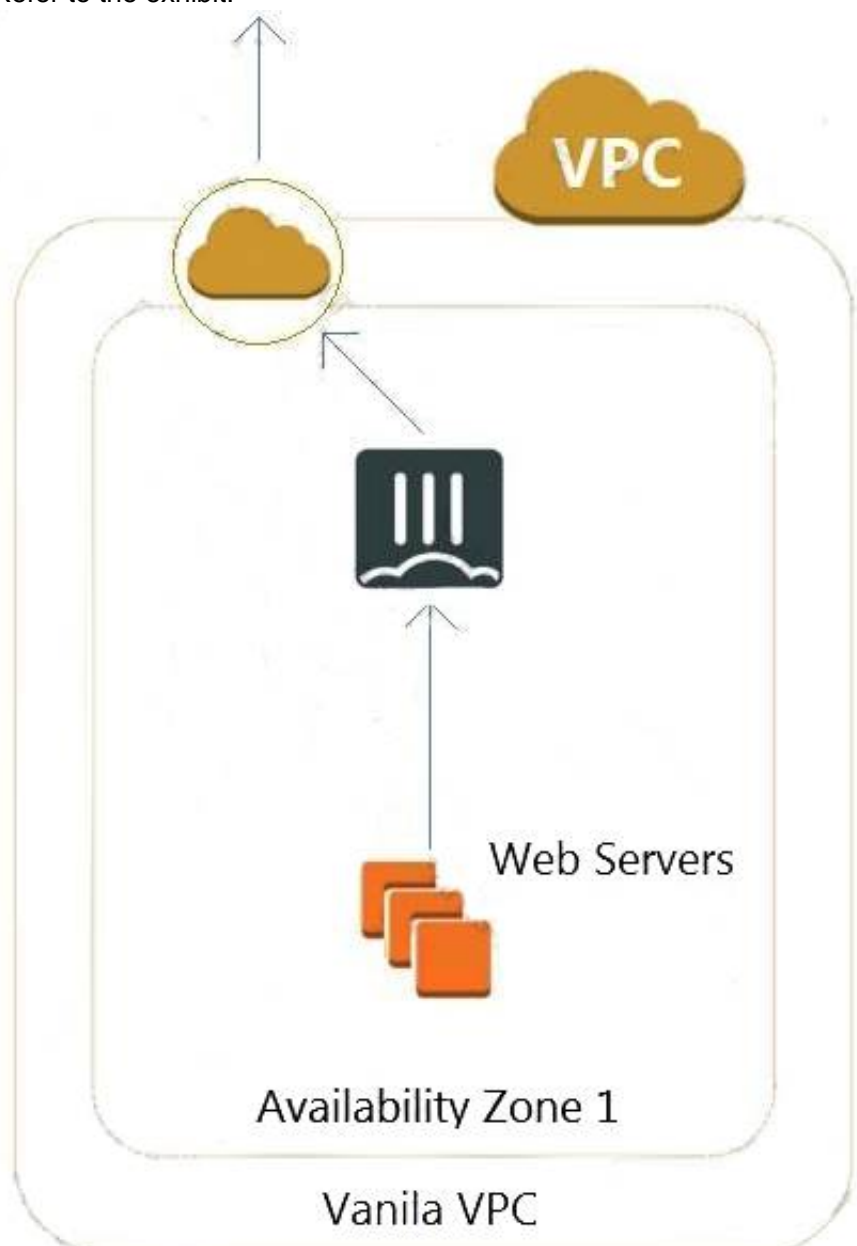
Which three properties are configurable Microsoft Azure network security group rule settings? (Choose three.)

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

Answer: ADE

NEW QUESTION 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

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 6

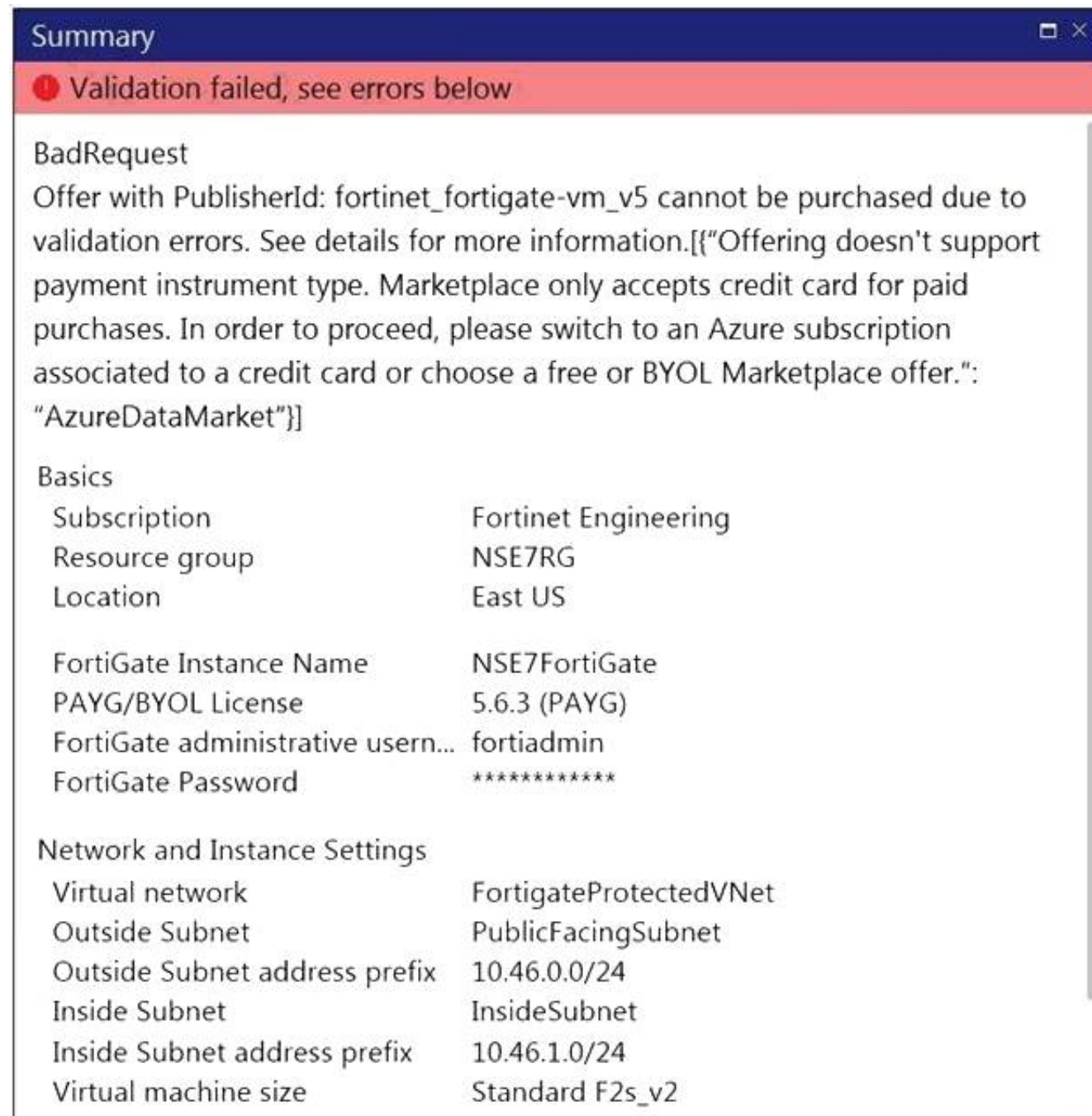
Which two statements about Amazon Web Services (AWS) networking are correct? (Choose two.)

- 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 7

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."}]
 "AzureDataMarket"]]

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 8

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 10

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