



Fortinet

Exam Questions NSE7_PBC-6.4

Fortinet NSE 7 - Public Cloud Security 6.4

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NEW QUESTION 1

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:

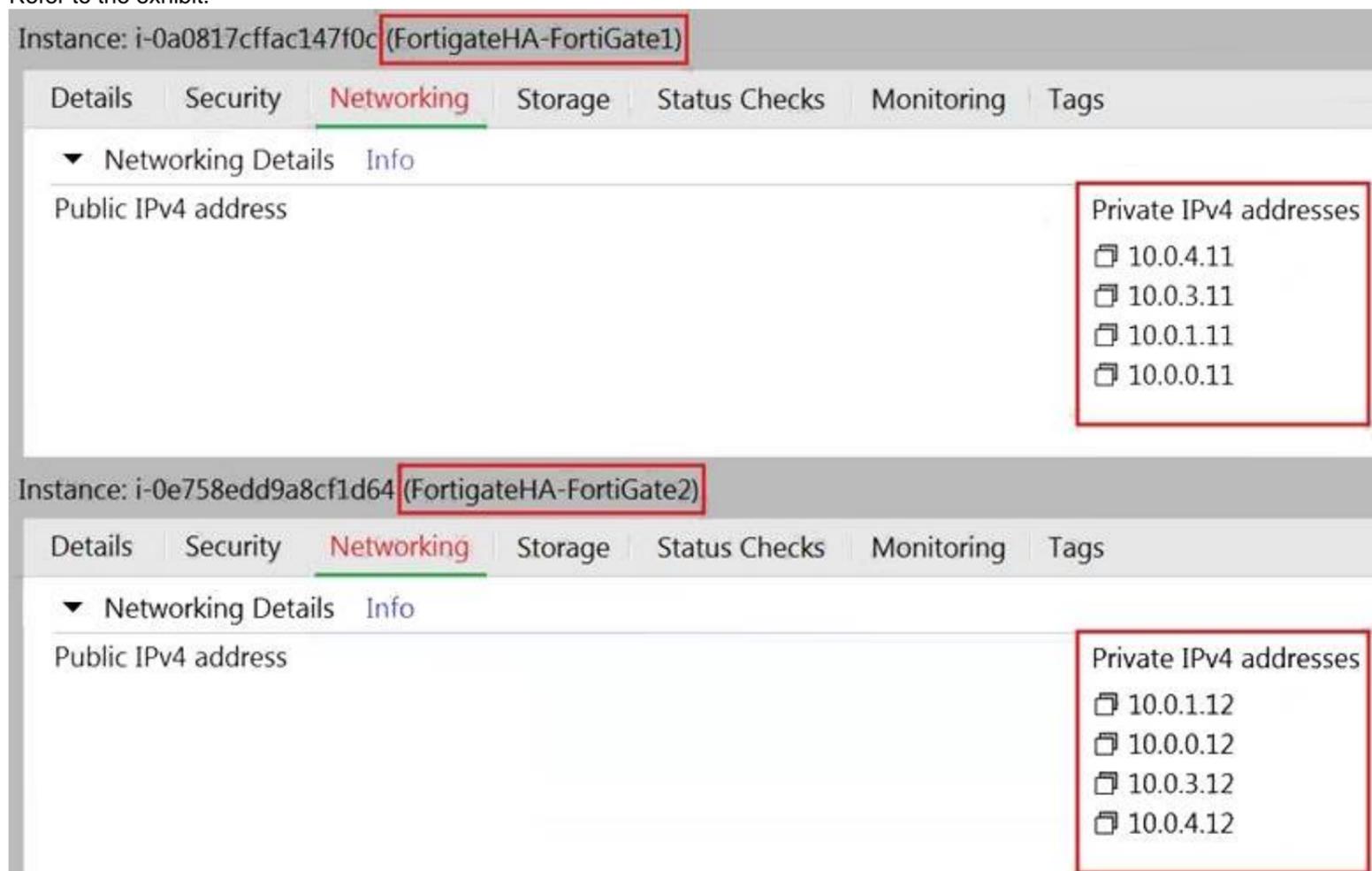
- You must deploy two FortiGate VMs in a single virtual private cloud (VPC), with an external elastic load balancer which will distribute ingress traffic from the internet to both FortiGate VMs in an active-active topology.
- Each FortiGate VM must have two elastic network interfaces: one will connect 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 2

Refer to the exhibit.



The exhibit shows two screenshots of the AWS console's Networking tab for EC2 instances. The first instance, 'FortigateHA-FortiGate1', has four private IPv4 addresses: 10.0.4.11, 10.0.3.11, 10.0.1.11, and 10.0.0.11. The second instance, 'FortigateHA-FortiGate2', has four 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 3

Which two Amazon Web Services (AWS) topologies support east-west traffic inspection within the AWS cloud by the FortiGate VM? (Choose two.)

- A. A single VPC deployment with multiple subnets and a NAT gateway
- B. A single VPC deployment with multiple subnets
- C. A multiple VPC deployment utilizing a transit VPC topology
- D. A multiple VPC deployment utilizing a transit gateway

Answer: BC

NEW QUESTION 4

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 5

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 6

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 7

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 8

Which two statements about the Amazon Cloud Services (AWS) network access control lists (ACLs) are true? (Choose two.)

- A. Network ACLs are stateless, and inbound and outbound rules are used for traffic filtering.
- B. Network ACLs are stateful, and inbound and outbound rules are used for traffic filtering.
- C. Network ACLs must be manually applied to virtual network interfaces.
- D. Network ACLs support allow rules and deny rules.

Answer: AD

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.": "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 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 10

A company deployed a FortiGate-VM with an on-demand license using Amazon Web Services (AWS) Market Place Cloud Formation template. After deployment, the administrator cannot remember the default admin password.

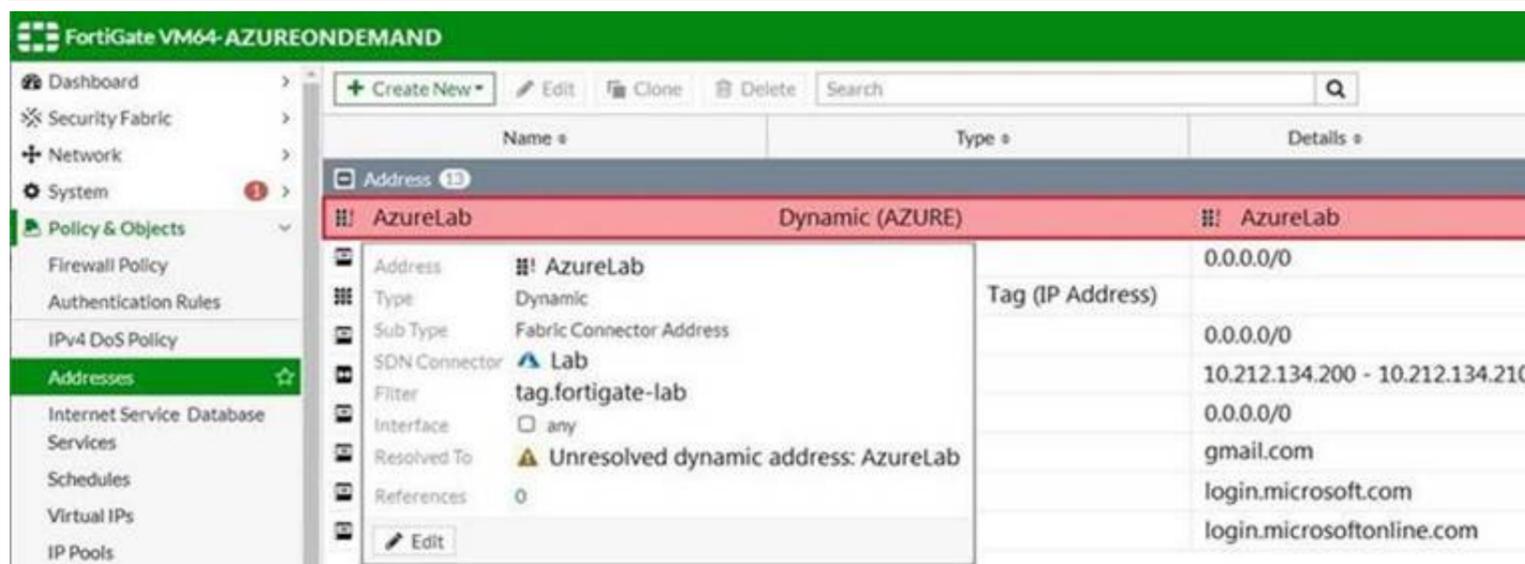
What is the default admin password for the FortiGate-VM instance?

- A. The admin password cannot be recovered and the customer needs to deploy the FortiGate-VM again.
- B. <blank>
- C. admin
- D. The instance-ID value

Answer: D

NEW QUESTION 13

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 18

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 21

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