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EXAMS

QUESTIONS & ANSWERS

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Technology Provider: Fortinet

Exam: Fortinet NSE 7 - Secure Networking 7.6 Architect

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Question #1Topic 1

In the context of SD-WAN, the terms underlay and overlay are commonly used to categorize links.

Which two statements about underlay and overlay links are correct? (Choose two.)

A. Overlay links provide routing flexibility.

B. Only wired connections can be used as underlay links.

C. A VLAN is a type of overlay link.

D. FortiLink interface is considered an underlay link.

E. Wireless connections can be used to build overlay links.

Correct Answer: AE

Question #2Topic 1

You have a FortiGate configuration with three user-defined SD-WAN zones and two members in each of these zones. One SD-WAN member is no longer in use in health-check and SD-WAN rules. You want to delete it.

What happens if you delete the SD-WAN member from the FortiGate GUI?

A. FortiGate accepts the SD-WAN member deletion with no further action.

B. FortiGate displays an error message. SD-WAN zones must contain at least two members.

C. FortiGate accepts the deletion and removes static routes as required.

D. FortiGate accepts the deletion and places the member in the default SD-WAN zone.

Correct Answer: A

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Question #3*Topic 1*

Refer to the exhibits.

OSPF configuration

```
FGT # show router ospf
config router ospf
    set router-id 0.0.0.113
    set distribute-list-in "Allow-172.16"
    config area
        edit 0.0.0.0
---omitted---
end
```

Prefix-list configuration

```
FGT # show router prefix-list
config router prefix-list
    edit "Allow-172.16"
        config rule
            edit 1
                set prefix 172.16.0.0 255.255.0.0
                unset ge
                unset le
---omitted---
end
```

An OSPF peer is advertising route 172.16.52.0/24. The local FortiGate is configured with an inbound distribution list that allows the 172.16.0.0/14 network to be injected into its routing table. However, the 172.16.52.0/24 subnet cannot be seen in the FIB.
Which two steps can the administrator of the local FortiGate take to ensure that the advertised 172.16.52.0/24 subnet will be injected into the routing table? (Choose two.)

A. Modify the default prefix-list behavior from implicit deny to implicit allow.

B. Change the ge value to 17.

C. Add another entry to the prefix list to specifically allow the 172.16.52.0/24 network.

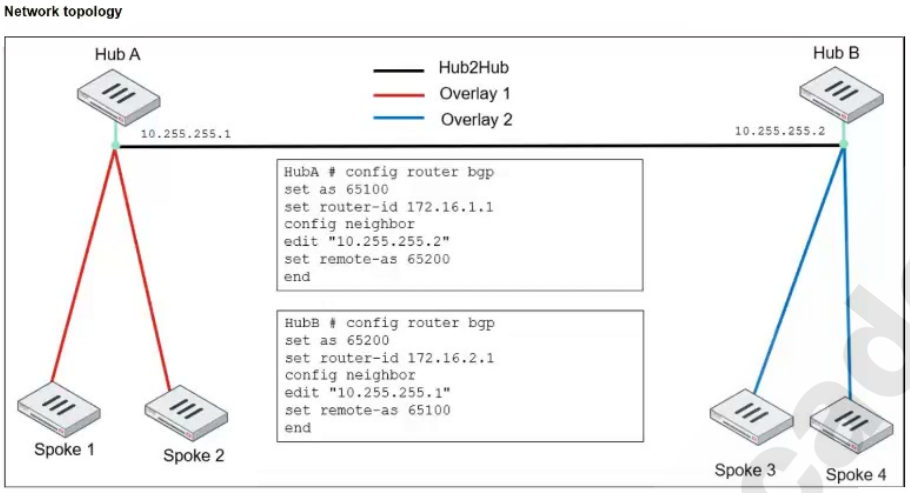
D. Change the le value to 16.

Correct Answer: BC

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Question #4*Topic 1*

Refer to the exhibit.



An ADVPN network is shown.
You must configure an ADVPN using IBGP for each local region and EBGP across regions to connect Overlay 1 with Overlay 2.
Which two options must you configure in the Hub2Hub BGP peering? (Choose two.)

A. set. ebgp-enforce-multihop enable

B. set. ibgp-enforce-multihop advpn

C. set. attribute-unchanged next-hop

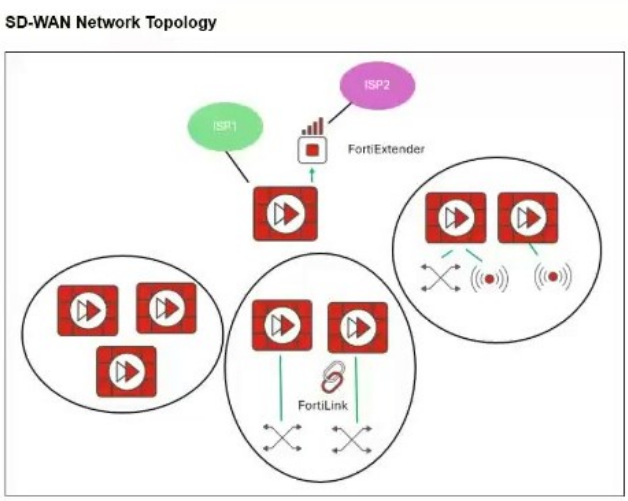
D. set. next-hop-self enable

Correct Answer: AC

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Question #5*Topic 1*

Refer to the exhibit.



You want to configure SD-WAN on a network, as shown in the exhibit.
The network contains many FortiGate devices. Some are used as next-generation firewalls (NGFW), and some are installed with extensions such as FortiSwitch, FortiAP, or FortiExtender.
Which factors should you consider when planning your deployment?

A. You should exclude the FortiGate devices with FortiLink connection from the SD-WAN topology.

B. You should build multiple SD-WAN topologies. Each topology should contain only one type of extension.

C. You can build an SD-WAN topology that includes all devices. The hubs can be FortiGate devices with FortiExtender.

D. You can build an SD-WAN topology that includes all devices. The hubs must be devices without extensions.

Correct Answer: C

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Question #6*Topic 1*

Refer to the exhibit.

Serial Number	name	branch_id	admin_gw	sdwan_port1_gw	sdwan_port2_gw	lan_interface_ip	latitude	longitude
FGVM01TM22000077	branch1_fgt	1	172.16.0.2	192.2.0.2	192.2.0.10	10.0.1.254	37.37610911	-122.0260914
FGVM01TM22000078	branch2_fgt	2	172.16.0.10	203.0.11.2	203.0.113.10	10.0.2.254	25.77404351	-80.20508525
FGT40FTK20000624	shop1_fgt	11		198.0.1.1		10.10.1.254		
FGT40FTK20003026	shop2_fgt	12				10.10.2.254	48.88941	2.25125
FGVM02TM24010735		3	172.16.0.10	100.64.33.2	100.64.33.10	10.0.3.254	45.32482	-75.8359

For your ZTP deployment, you review the CSV file shown in exhibit and note that it is missing important information.
Which two elements must you change before you can import it into FortiManager? (Choose two.)

A. You must define a name for each device.

B. You must define a value for each device and each user-defined metadata variable.

C. You must associate a device blueprint with each device.

D. You must define a value for each device and each metadata variable that defines an IP address.

Correct Answer: AC

Question #7Topic 1

Which two troubleshooting steps should you perform if you encounter issues with intermittent web filter behavior? (Choose two.)

A. Check that the inspection mode configured for the web filter profile matches that of the firewall policy where it is applied.

B. Check that the correct port is mapped to HTTP in the Protocol Options.

C. Check that the communication between FortiGate and FortiGuard is stable.

D. Check that FortiGate is not entering conserve mode.

Correct Answer: CD

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Question #8*Topic 1*

Refer to the exhibit.

Diagnose output

```
# diagnose sys session list
session info: proto=6 proto_state=01 duration=73 expire=3597 timeout=3600
flags=00000000 sockflag=00000000 sockport=0 av_idx=0 use=3
origin-shaper=
reply-shaper=
per_ip_shaper=
class_id=0 ha_id=0 policy_dir=0 tunnel=/ vlan_cos=0/255
state=may_dirty synced none app_ntf
statistic (bytes/packets/allow_err): org=822/11/1 reply=9037/15/1 tuples=2
orgin->sink: org pre->post, reply pre->post dev=4->2/2->4
gwy=100.64.1.254/10.0.1.10
hook=post dir=org act=snat 10.0.1.10:65464->54.192.15.182:80 (100.64.1.1:65464)
hook=pre dir=reply act=dnat 54.192.15.182:80->100.64.1.1:65464(10.0.1.10:65464)
pos/ (before, after) 0/ (0,0), 0/ (0,0)
misc=0 policy_id=1 auth_info=0 chk_client_info=0 vd=0
serial=00000098 tos=ff/if ips view=0 app_list=0 app=0
dd_type=0 dd_mode=0
```

The output of diagnose sys session list command is shown.
If the HA ID for the primary device is 0, what happens if the primary fails and the secondary becomes the primary?

A. The session state is preserved but the kernel will re-evaluate the session because the routing information will be flushed.

B. The session is synchronized with the secondary device, however, because application control is applied, the session is marked dirty and has to be re-evaluated after failover.

C. The session will be removed from the session table of the secondary device because the TCP session is not yet fully established.

D. The session continues to permit traffic on the new primary device after failover, without requiring the client to restart the session with the server.

Correct Answer: D

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