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Actual exam question from Fortinet's NSE7_EFW-7.2

Question #: 1

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibit, which contains a TCL script configuration on FortiManager.

```
Type

Run script on

Remote FortiGate ...

#!

proc do_cmd {cmd} {

puts [exec "$cmd\n" "# " 10]

}

run_cmd "config system interface "

run_cmd "edit port1"

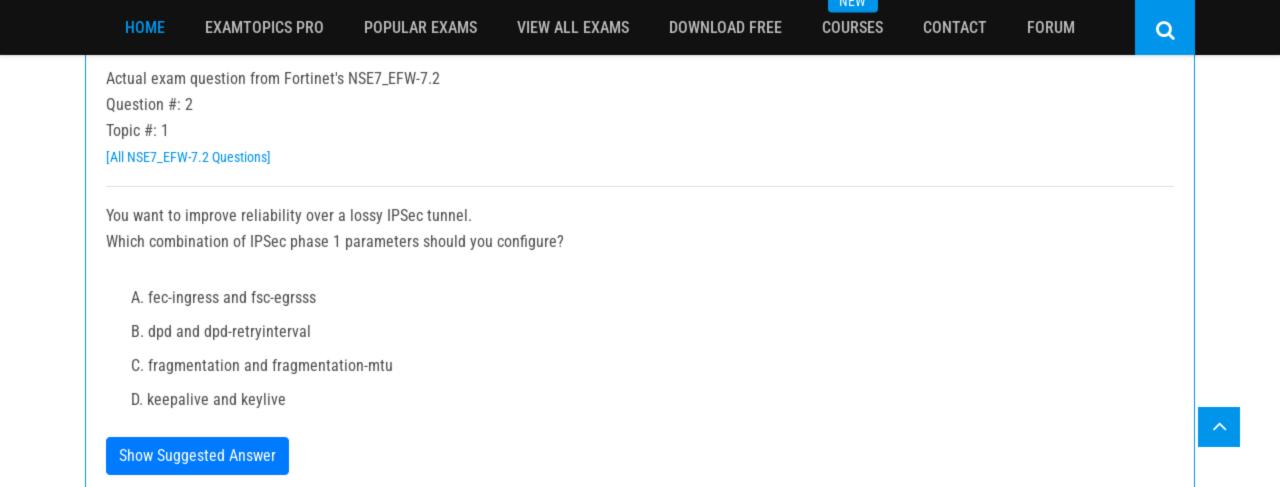
run_cmd "set ip 10.0.1.10 255.255.255.0"

run_cmd "next"

run_cmd "end"
```

An administrator has configured the TCL script on FortiManager, but the TCL script failed to apply any changes to the managed device after being run. Why did the TCL script fail to make any changes to the managed device?

- A. The TCL procedure run_cmd has not been created.
- B. The TCL script must start with #include.
- C. There is no corresponding #! to signify the end of the script.
- D. The TCL procedure lacks the required loop statements to iterate through the changes.



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```
Actual exam question from Fortinet's NSE7_EFW-7.2
```

Question #: 4

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibit, which contains a partial configuration of the global system.

```
config system global
    set admin-https-pki-required disable
    set av-failopen pass
    set check-protocol-header loose
    set memory-use-threshold-extreme 95
    set strict-dirty-session-check enable
end
```

What can you conclude from this output?

- A. Only NPs are disabled
- B. Only CPs are disabled
- C. NPs and CPs are enabled
- D. NPs and CPs are disabled

Show Suggested Answer

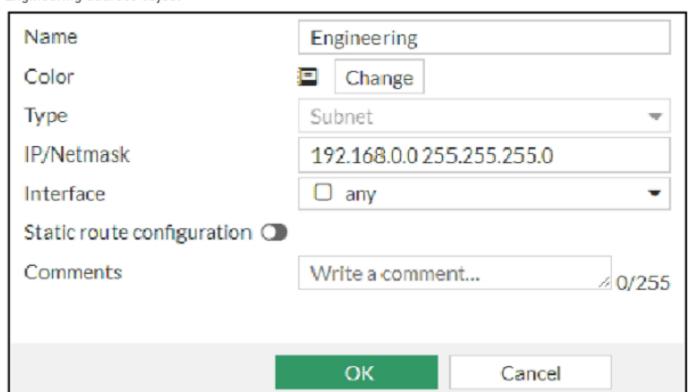
Question #: 5

Topic #: 1

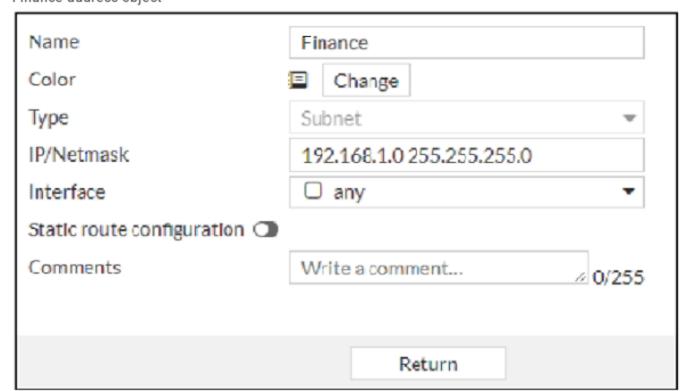
[All NSE7_EFW-7.2 Questions]

Refer to the exhibits, which show the configurations of two address objects from the same FortiGate.

Engineering address object -

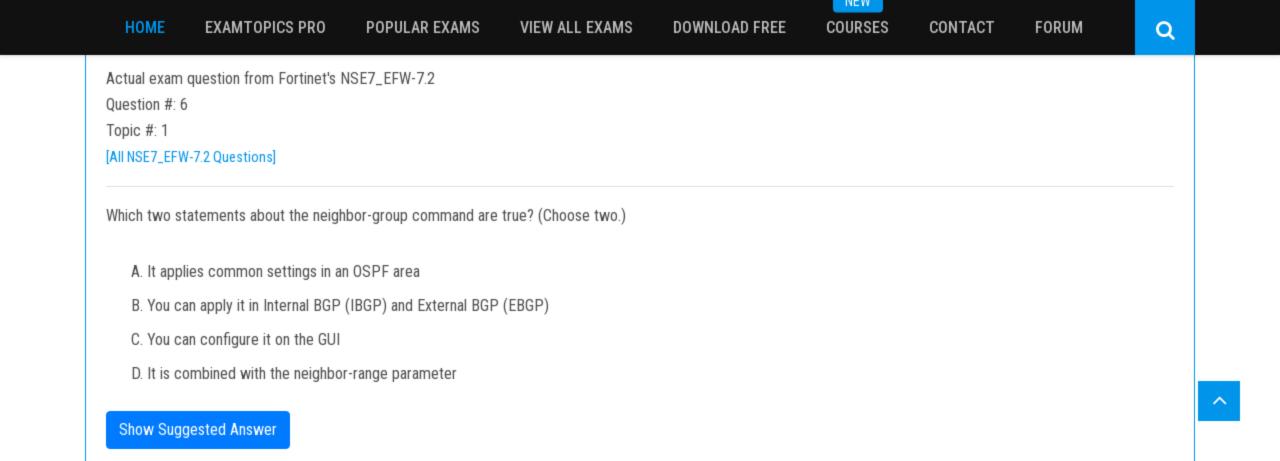


Finance address object -



Why can you modify the Engineering address object, but not the Finance address object?

- A. You have read-only access.
- B. Another user is editing the Finance address object in workspace mode.
- C. FortiGate joined the Security Fabric and the Finance address object was configured on the root FortiGate.
- D. FortiGate is registered on FortiManager.



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Actual exam question from Fortinet's NSE7_EFW-7.2

Question #: 7

Topic #: 1

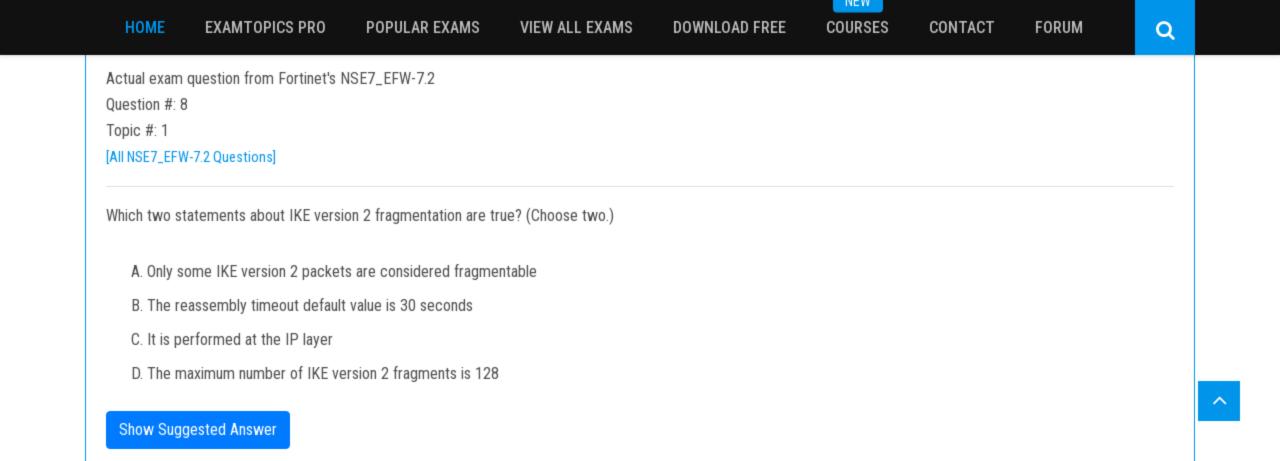
[All NSE7_EFW-7.2 Questions]

Refer to the exhibit, which contains information about an IPsec VPN tunnel.

```
FortiGate # diag vpn tunnel list
list all ipsec tunnel in vd 0
name=tunnel_0 ver=2 serial=1 100.64.3.1:0->100.64.1.1:0 tun_id=100.64.1.1 tun_id6=::100.64.1.1 dst_mtu=0 dpd-link=on weight=1
bound_if=3 lgwy=static/1 tun=intf mode=auto/1 encap=none/552 options[0228]=npu frag-rfc run_state=0 role=primary accept_traffic=1 overlay_id=0
proxyid_num=1 child_num=0 refcnt=3 ilast=42949917 olast=42949917 ad=/0
stat: rxp=0 txp=0 rxb=0 txb=0
dpd: mode=off on=0 idle=20000ms retry=3 count=0 seqno=0
natt: mode=none draft=0 interval=0 remote_port=0
fec: egress=0 ingress=0
proxyid=tunnel_0_0 proto=0 sa=1 ref=2 serial=1
  src: 0:0.0.0.0-255.255.255.255:0
  dst: 0:0.0.0.0-255.255.255.255:0
  SA: ref=3 options=30202 type=00 soft=0 mtu=1280 expire=1454/0B replaywin=2048
       segno=1 esn=0 replaywin_lastseg=00000000 gat=192 rekey=0 hash_search_len=1
  life: type=01 bytes=0/0 timeout=1768/1800
  dec: spi=877d6590 esp=aes key=16 be308ec1fb05464205764424bc40a76d
       ah=sha256 key=32 cc8894be3390983521a48b2e7a5c998e6b28a10a3ddd8e7bc7ecbe672dfe7cc5
  enc: spi=63d0f38a esp=aes key=16 d8d3343af2fed4ddd958a022cd656b06
       ah=sha256 key=32 264402ba8ad04a7e97732b52ec27c92ff86e0a97bb33e22887677336f1670c7d
  dec:pkts/bytes=0/0, enc:pkts/bytes=0/0
 npu_flag=00 npu_rgwy=100.64.1.1 npu_lgwy=100.64.3.1 npu_selid=0 dec_npuid=0 enc_npuid=0
run_tally=0
```

What two conclusions can you draw from the command output? (Choose two.)

- A. Dead peer detection is set to enable
- B. The IKE version is 2
- C. Both IPsec SAs are loaded on the kernel
- D. Forward error correction in phase 2 is set to enable



continue to send traffic to the former primary device.

What can the administrator do to fix this problem?

- A. Configure set link-failed-signal enable under config system ha on both cluster members
- B. Configure set send-garp-on-failover enable under config system ha on both cluster members.
- C. Configure remote link monitoring to detect an issue in the forwarding path.
- D. Verify that the speed and duplex settings match between the FortiGate interfaces and the connected switch ports.

Show Suggested Answer

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Actual exam question from Fortinet's NSE7_EFW-7.2

Question #: 10

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibit, which shows the output of a BGP summary.

```
FGT # get router info bgp summary
BGP router identifier 0.0.0.117, local AS number 65117
BGP table version is 104
3 BGP AS-PATH entries
0 BGP community entries
Neighbor
                                                TblVer
                     AS
                              MsgRcvd MsgSent
                                                        InQ OutQ
                                                                   Up/Down
                                                                             State/PfxRcd
10.125.0.60
                4 65060
                              1698
                                      1756
                                                                   03:02:49
                                                103
                                                         0
                                                              0
10.127.0.75
                4 65075
                              2206
                                      2250
                                                102
                                                         0
                                                              0
                                                                   02:45:55
100.64.3.1
                4 65501
                              101
                                      115
                                                 0
                                                         0
                                                              0
                                                                               Active
                                                                   never
Total number of neighbors 3
```

What two conclusions can you draw from this BGP summary? (Choose two.)

- A. The BGP session with peer 10.127.0.75 is established.
- B. External BGP (EBGP) exchanges routing information.
- C. The router 100.64.3.1 has the parameter bfd set to enable.
- D. The neighbors displayed are linked to a local router with the neighbor-range set to a value of 4.

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Actual exam question from Fortinet's NSE7_EFW-7.2

Question #: 11

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibit, which shows a custom signature.

Signature

SBID(-name "Ultraviewer.Custom"; -protocol tcp; -service ssl; -flow from_client; -pattern "ultraviewer"; -context host; -app_cat 7;)

Which two modifications must you apply to the configuration of this custom signature so that you can save it on FortiGate? (Choose two.)

- A. Ensure that the header syntax is F-SBID.
- B. Add severity.
- C. Add attack_id.
- D. Start options with --.

Question #: 13

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibit which shows config system central-management information.

```
config system central-management
set type fortimanager
set allow-push-firmware disable
set allow-remote-firmware-upgrade disable
set fmg "10.1.0.241"
config server-list
edit 1
set server-type update
set server-address 10.1.0.241
next
end
set include-default-servers disable
end
```

Which setting must you configure for the web filtering feature to function?

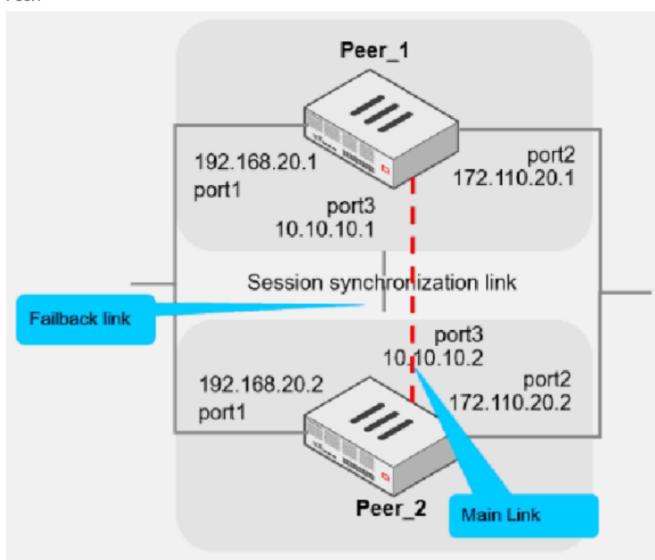
- A. Set update-server-location to automatic
- B. Add server.fortiguard.net to the Server list
- C. Configure securewf.fortiguard.net on the default servers
- D. Configure server-type with the rating option

Question #: 15

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibit which shows two configured FortiGate devices and peering over FGSP.



The main link directly connects the two FortiGate devices and is configured using the set session-syn-dev <interface> command. What is the primary reason to configure the main link?

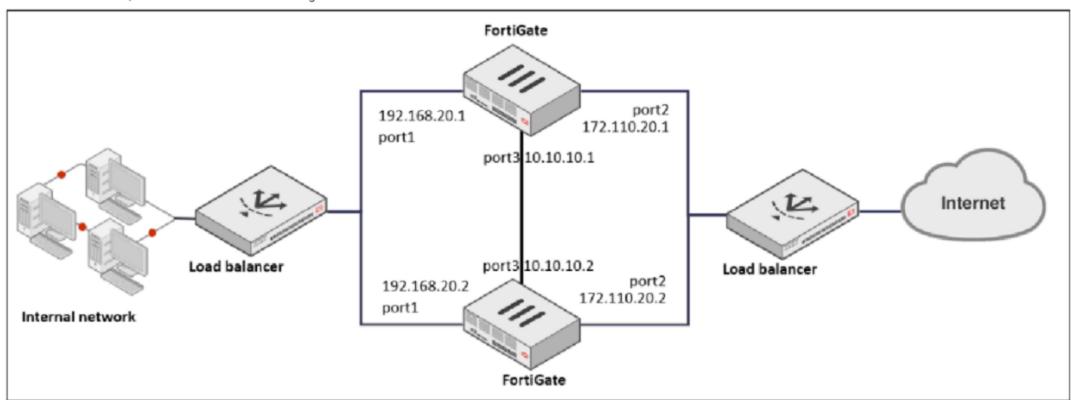
- A. To have only configuration synchronization in layer 3
- B. To load balance both sessions and configuration synchronization between layer 2 and 3 $\,$
- C. To have both sessions and configuration synchronization in layer 3 $\,$
- D. To have both sessions and configuration synchronization in layer 2

Question #: 16

Topic #: 1

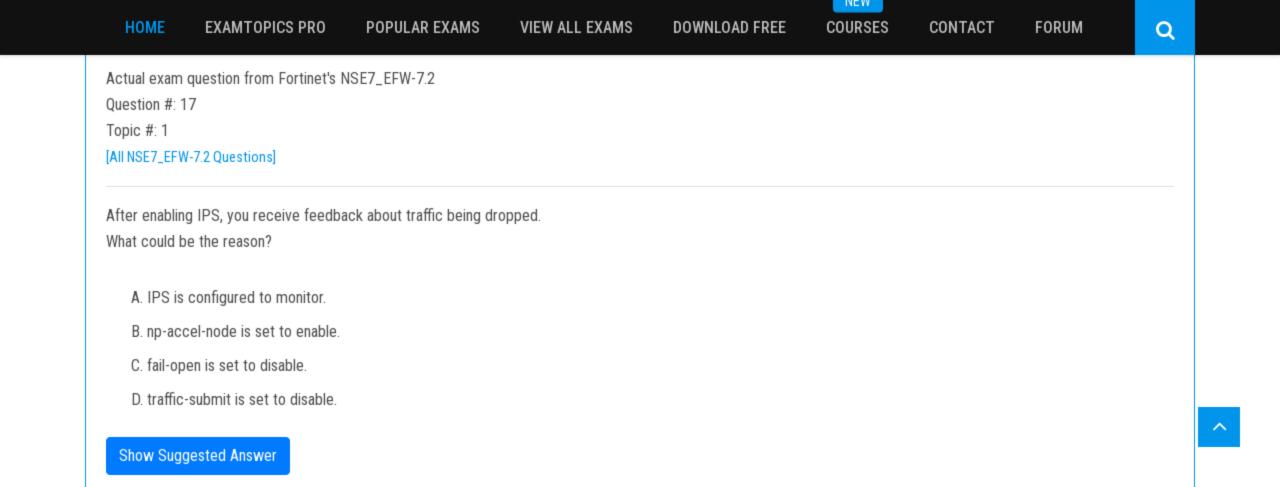
[All NSE7_EFW-7.2 Questions]

Refer to the exhibit, which shows a network diagram.



Which protocol should you use to configure the FortiGate cluster?

- A. FGCP in active-passive mode
- B. FGCP in active-active mode
- C. FGSP
- D. VRRP

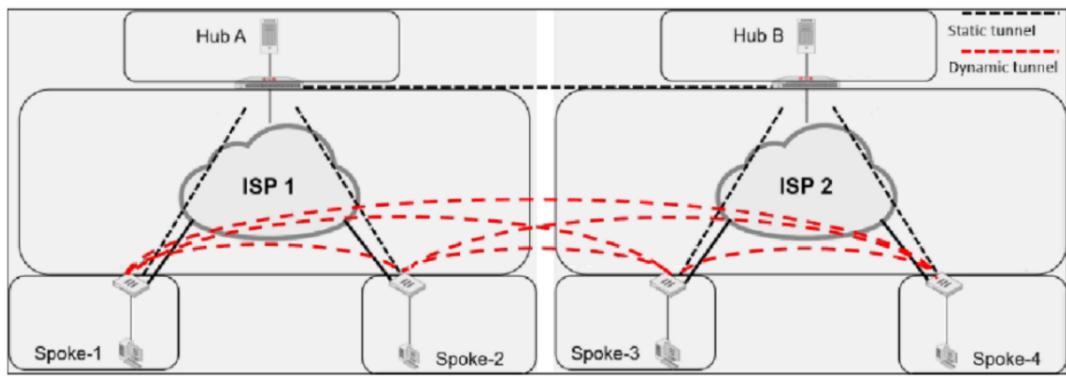


Question #: 18

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibit which shows an ADVPN network.



Which VPN phase 1 parameters must you configure on the hub for the ADVPN feature to function? (Choose two.)

- A. set auto-discovery-sender enable
- B. set auto-discovery-receiver enable
- C. set add-route enable
- D. set auto-discovery-forwarder enable

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Actual exam question from Fortinet's NSE7_EFW-7.2

Question #: 20

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibits, which contain the network topology and BGP configuration for a hub.

Exhibit A.

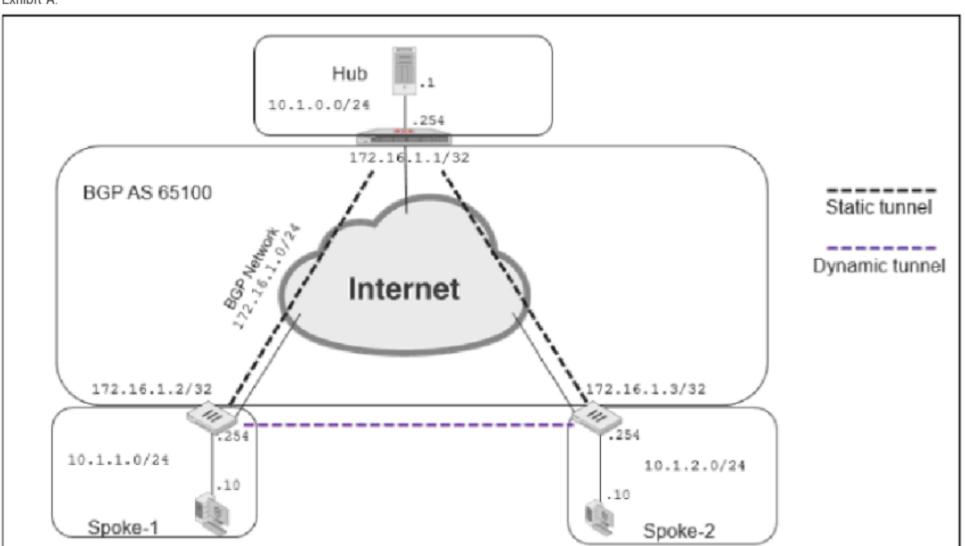


Exhibit B.

```
Hub # show router bgp
config router bgp
    set as 65100
    set router-id 172.16.1.1
    config neighbor-group
        edit "advpn"
            set remote-as 65100
            set route-reflector-client disable
        next
    end
    config neighbor-range
        edit 1
            set prefix 172.16.1.0 255.255.255.0
            set neighbor-group "advpn"
        next
    end
    config network
        edit 1
            set prefix 10.1.0.0 255.255.255.0
        next
    end
end
```

An administrator is trying to configure ADVPN with a hub and spoke VPN setup using iBGP. All the VPNs are up and connected to the hub. The hub is receiving route information from both spokes over iBGP; however the spokes are not receiving route information from each other.

What change must the administrator make to the hub BGP configuration so that the routes learned from one spoke are forwarded to the other spoke?

- A. Configure the hub as a route reflector
- B. Configure auto-discovery-sender on the hub
- C. Add a prefix list to the hub that permits routes to be shared between the spokes
- D. Enable route redistribution under config router bgp

Question #: 21

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibit, which contains a partial VPN configuration.

```
config vpn ipsec phase1-interface
edit tunnel
set type dynamic
set interface "port1"
set ike-version 2
set keylife 28800
set peertype any
set net-device disable
set proposal aes128-sha256 aes256-sha256
set dpd on-idle
set add-route enable
set psksecret fortinet
next
end
```

What can you conclude from this configuration?

- A. FortiGate creates separate virtual interfaces for each dial-up client
- B. The VPN should use the dynamic routing protocol to exchange routing information through the tunnels
- C. Dead peer detection is disabled
- D. The routing table shows a single IPSec virtual interface

CONTACT

Actual exam question from Fortinet's NSE7_EFW-7.2

Question #: 22

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibit which shows information about an OSPF interface.

```
NGFW-1 # get router info ospf interface
port3 is up, line protocol is up
Internet Address 10.1.0.254/24, Area 0.0.0.0, MTU 1500
Process ID 0, VRF 0, Router ID 0.0.0.1, Network Type BROADCAST, Cost: 1
Transmit Delay is 1 sec, State DROther, Priority 1
Designated Router (ID) 0.0.0.3, Interface Address 10.1.0.1
Backup Designated Router (ID) 0.0.0.2, Interface Address 10.1.0.100
Timer intervals configured, Hello 10.000, Dead 40, Wait 40, Retransmit 5
Hello due in 00:00:08
Neighbor Count is 2, Adjacent neighbor count is 2
Crypt Sequence Number is 21
Hello received 412 sent 207, DD received 8 sent 8
LS-Req received 2 sent 3, LS-Upd received 13 sent 6
LS-Ack received 9 sent 7, Discarded 6
```

What two conclusions can you draw from this command output? (Choose two.)

- A. The interfaces of the OSPF routers match the MTU value that is configured as 1500.
- B. NGFW-1 is the designated router.
- C. The port3 network has more than one OSPF router.
- D. The OSPF routers are in the area ID of 0.0.0.1.

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Actual exam question from Fortinet's NSE7_EFW-7.2

Question #: 24

Topic #: 1

[All NSE7_EFW-7.2 Questions]

You created a VPN community using VPN Manager on FortiManager. You also added gateways to the VPN community. Now you are trying to create firewall policies to permit traffic over the tunnel; however, the VPN interfaces do not appear as available options.

What step must you take to resolve this issue?

- A. Refresh the device status using the Device Manager so that FortiGate populates the IPSec interfaces.
- B. Install the VPN community and gateway configuration on the FortiGate devices so that the VPN interfaces appear on the Policy Objects on FortiManager.
- C. Configure the phase 1 settings in the VPN community that you didn't initially configure. FortiGate automatically generates the interfaces after you configure the required settings.
- D. Create interface mappings for the IPsec VPN interfaces before you use them in a policy.

Show Suggested Answer

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Actual exam question from Fortinet's NSE7_EFW-7.2

Question #: 25

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibit, which shows a central management configuration.

```
config system central-management
    set type fortimanager
    set fmg "10.0.1.242"
    config server-list
        edit 1
            set server-type rating
            set addr-type ipv4
            set server-address 10.0.1.240
        next
        edit 2
            set server-type update
            set addr-type ipv4
            set server-address 10.0.1.243
        next
        edit 3
            set server-type rating
            set addr-type ipv4
            set server-address 10.0.1.244
        next
    end
    set include-default-servers enable
end
```

Which server will FortiGate choose for web filter rating requests, if 10.0.1.240 is experiencing an outage?

- A. 10.0.1.244
- B. 10.0.1.242
- C. Public FortiGuard servers
- D. 10.0.1.243

INCAA

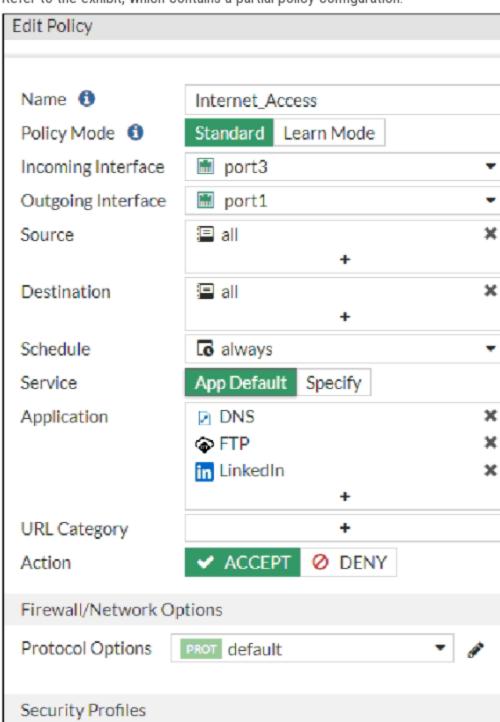
Actual exam question from Fortinet's NSE7_EFW-7.2

Question #: 27

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibit, which contains a partial policy configuration.



Which setting must you configure to allow SSH?

- A. Specify SSH in the Service field.
- B. Select an application control profile corresponding to SSH in the Security Profiles section.
- C. Include SSH in the Application field.
- D. Configure port 22 in the Protocol Options field.

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Actual exam question from Fortinet's NSE7_EFW-7.2

Question #: 28

Topic #: 1

[All NSE7_EFW-7.2 Questions]

```
Refer to the exhibit, which shows an SSL certification inspection configuration.

config firewall ssl-ssh-profile

edit "SSL-certification-inspection"

config https

set ports 443

set status certificate-inspection

set sni-server-cert-check enable

end

....

next

end
```

Which action does FortiGate take if the server name indication (SNI) does not match either the common name (CN) or any of the subject alternative names (SAN) in the server certificate?

- A. FortiGate uses the first entry listed in the SAN field in the server certificate
- B. FortiGate uses the CN information from the Subject field in the server certificate
- C. FortiGate uses the SNI from the user's web browser.
- D. FortiGate closes the connection because this represents an invalid SSL/TLS configuration

Question #: 29

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibit, which contains a partial OSPF configuration.

```
config router ospf
set router-id 0.0.0.3
set restart-mode graceful-restart
set restart-period 30
set restart-on-topology-change enable
...
end
```

What can you conclude from this output?

- A. Neighbors maintain communication with the restarting router.
- B. The restarting router sends gratuitous ARP for 30 seconds.
- C. FortiGate restarts if the topology changes.
- D. The router sends grace LSAs before it restarts.

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Actual exam question from Fortinet's NSE7_EFW-7.2

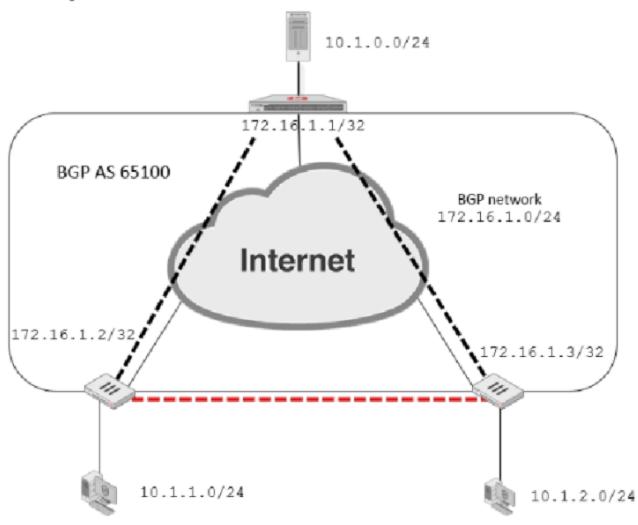
Question #: 30

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibit, which contains an ADVPN network diagram and a partial BGP configuration.

Network diagram -

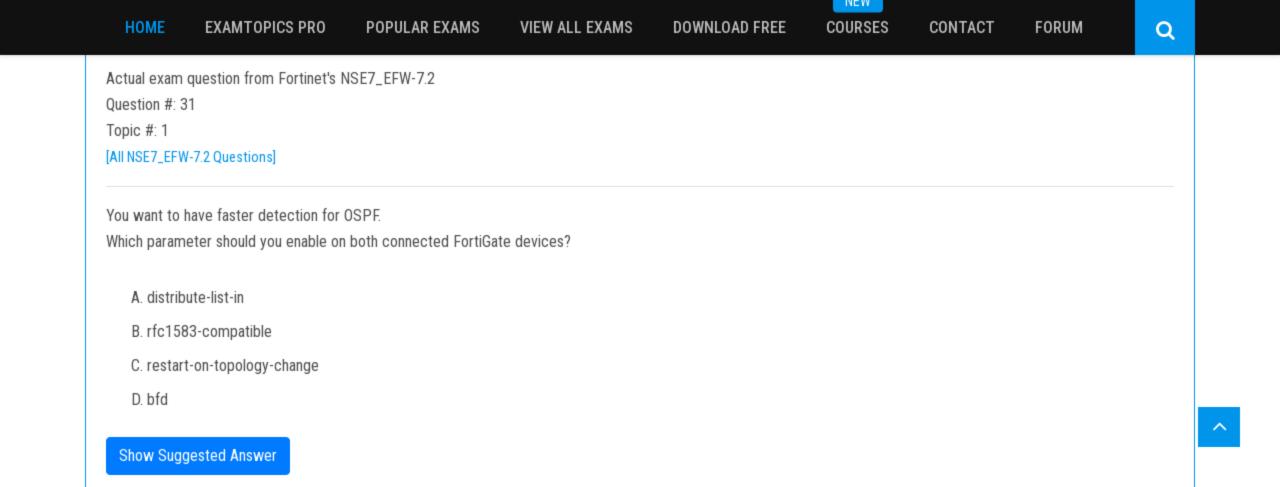


Partial BGP configuration -

```
Hub # show router bgp
config router bgp
set as 65100
set router-id 172.16.1.1
config neighbor-group
edit "advpn"
set remote-as 65100
...
next
end
end
```

Which two parameters should you configure in config neighbor-range? (Choose two.)

- A. set neighbor-group advpn
- B. set route-reflector-client enable
- C. set prefix 10.1.0 255.255.254.0
- D. set prefix 172.16.1.0 255.255.255.0



INCAA

Actual exam question from Fortinet's NSE7_EFW-7.2

Question #: 32

Topic #: 1

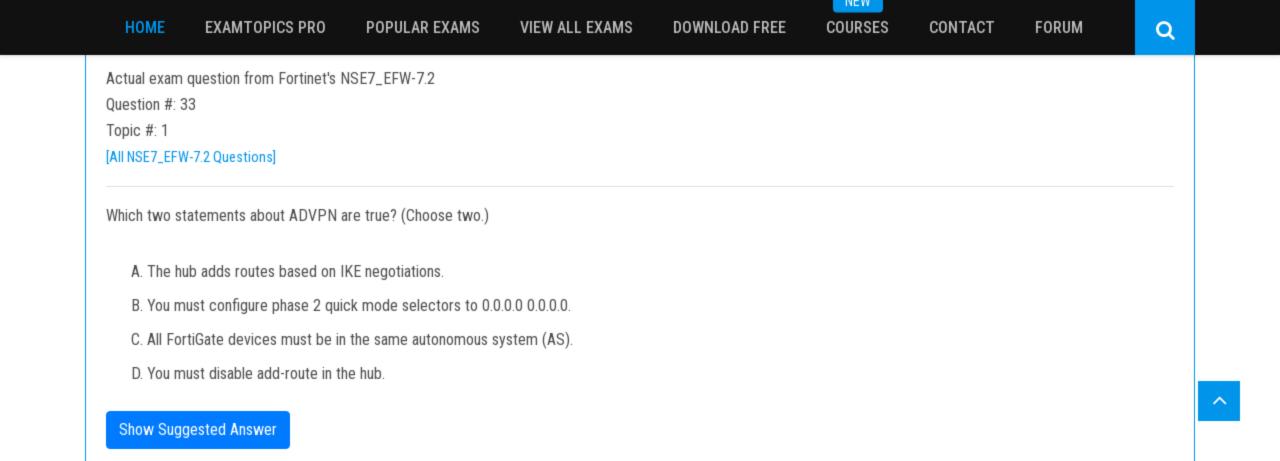
[All NSE7_EFW-7.2 Questions]

Refer to the exhibit, which provides information on BGP neighbors.

```
# get router info bgp neighbors
VRF 0 neighbor table:
BGP neighbor is 10.2.0.254, remote AS 65100, local AS 65200, external link
BGP version 4, remote router ID 0.0.0.0
BGP state = Idle
Not directly connected EBGP
Last read 00:04:40, hold time is 180, keepalive interval is 60 seconds
Configured hold time is 180, keepalive interval is 60 seconds
Received 5 messages, 0 notifications, 0 in queue
Sent 4 messages, 1 notifications, 0 in queue
Route refresh request: received 0, sent 0
NLRI treated as withdraw: 0
Minimum time between advertisement runs is 30 seconds...
```

What can you conclude from this command output?

- A. You must change the AS number to match the remote peer.
- B. BGP is attempting to establish a TCP connection with the BGP peer.
- C. The bfd configuration is set to enable.
- D. The routers are in the same area ID of 0.0.0.0.



Question #: 35

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibit, which shows an error in system fortiguard configuration.

NGFW-1 (fortiguard) # set protocol udp

command parse error before 'udp' Command fail. Return code -61

What is the reason you cannot set the protocol to udp in config system fortiguard?

- A. udp is not a protocol option.
- B. fortiguard-anycast is set to enable.
- C. You do not have the corresponding write access.
- D. FortiManager provides FortiGuard.

Show Suggested Answer

^

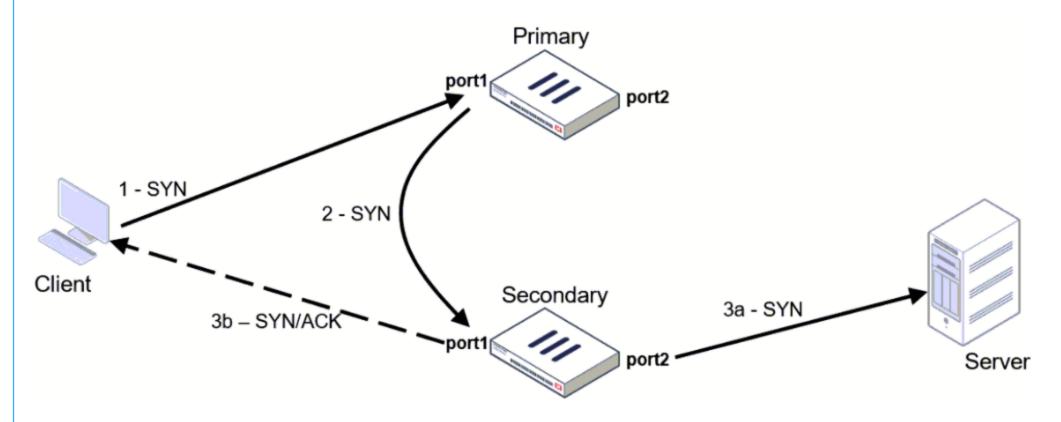
FORUM

Question #: 36

Topic #: 1

[All NSE7_EFW-7.2 Questions]

Refer to the exhibit, which contains an active-active load balancing scenario.



During the traffic flow, the primary FortiGate forwards the SYN packet to the secondary FortiGate.

What is the destination MAC address or addresses when packets are forwarded from the primary FortiGate to the secondary FortiGate?

- A. Secondary virtual MAC port1 then physical MAC port1
- B. Secondary virtual MAC port1
- C. Secondary physical MAC port1
- D. Secondary physical MAC port1 then virtual MAC port2