Fortinet

Exam Questions NSE7_SDW-7.0

Fortinet NSE 7 - SD-WAN 7.0

NEW QUESTION 1

Exhibit A –

Exhibit B –

Exhibit A shows the system interface with the static routes and exhibit B shows the firewall policies on the managed FortiGate.
Based on the FortiGate configuration shown in the exhibits, what issue might you encounter when creating an SD-WAN zone for port1 and port2?

A. port1 is assigned a manual IP address.
B. port1 is referenced in a firewall policy.
C. port2 is referenced in a static route.
D. port1 and port2 are not administratively down.

Answer: B

NEW QUESTION 2

Refer to the exhibit, which shows the IPsec phase 1 configuration of a spoke.

```
config vpn ipsec phase1-interface
    edit "T_INET_0_0"
        set interface "port1"
        set ike-version 2
        set keylife 28800
        set peertype any
        set net-device disable
        set proposal aes128-sha256 aes256-sha256 aes128gcm-prfsha256 aes256gcm-prfsha384
chacha20poly1305-prfsha256
        set comments "[created by FMG VPN Manager]"
        set idle-timeout enable
        set idle-timeoutinterval 5
        set auto-discovery-receiver enable
        set remote-gw 100.64.1.1
        set psksecret ENC
6D5rVsaK1MeAyVYt1z95BS24Psew761wY023hnFVviwb6deIt8c51tCa+iNYhujT8gycfD4+WuszpmuIv8rRzrVh
7DFkHaW2auAAprQ0dHUfaCzjOhME7mPw+8he2xB7Edb9ku/nZEHb0cKLkKYJc/p9J9IMweV21ZUgFjvIpXNxHxpH
LReOFShoH01SPFKz5IYCVA==
    next
end
```

What must you configure on the IPsec phase 1 configuration for ADVPN to work with SD-WAN?

A. You must set ike-version to 1.
B. You must enable net-device.
C. You must enable auto-discovery-sender.
D. You must disable idle-timeout.

Answer: B

NEW QUESTION 3

Refer to the exhibit.

```
# get router info routing-table all
...
B      10.0.2.0/24 [200/0] via 10.201.1.2 [3] (recursive via VPN0 tunnel 100.64.1.1), 00:00:54
                   [200/0] via 10.202.1.2 [3] (recursive via VPN1 tunnel 100.64.1.9), 00:00:54
                   [200/0] via 10.203.1.1 [3] (recursive via VPN2 tunnel 172.16.1.5), 00:00:54
...
```

The device exchanges routes using IBGP.
Which two statements are correct about the IBGP configuration and routing information on the device? (Choose two.)

A. Each BGP route is three hops away from the destination.
B. ibgp-multipath is disabled.
C. additional-path is enabled.
D. You can run the get router info routing-table database command to display the additional paths.

Answer: CD

NEW QUESTION 4
Which two conclusions for traffic that matches the traffic shaper are true? (Choose two.)

```
# diagnose firewall shaper traffic-shaper list name VoIP_Shaper
name VoIP_Shaper
maximum-bandwidth 6250 KB/sec
guaranteed-bandwidth 2500 KB/sec
current-bandwidth 93 KB/sec
priority 2
overhead 0
tos ff
packets dropped 0
bytes dropped 0
```

A. The traffic shaper drops packets if the bandwidth is less than 2500 KBps.
B. The measured bandwidth is less than 100 KBps.
C. The traffic shaper drops packets if the bandwidth exceeds 6250 KBps.
D. The traffic shaper limits the bandwidth of each source IP to a maximum of 6250 KBps.

Answer: BC

NEW QUESTION 5
Refer to the exhibit.

```
config vpn ipsec phase1-interface
    edit "T_INET_0_0"
        set type dynamic
        set interface "port1"
        set keylife 28800
        set peertype any
        set net-device disable
        set proposal aes128-sha256
        set add-route enable
        set psksecret ENC
Zv9n4Urfk0W4jj6vWI+KywxBG4ZDT7jWHKd8YaL8j4+pRpYOx/N7mSgc7VL0BW2ZHQUXWJ6zvFxNKktiPYNtA8aP
i6ly7gDx21P/OfKexTQQJzgCGRYzLM8eFTOnK7K6AuX0bFDCpBBhEIdf+03CYBMLwkFZmdU6RsT+qvybb1VX+Ioy
HK5EXakpmz5RiltELgZ9Gg==
    next
end
```

Which configuration change is required if the responder FortiGate uses a dynamic routing protocol to exchange routes over IPsec?

A. type must be set to static.
B. mode-cfg must be enabled.
C. exchange-interface-ip must be enabled.
D. add-route must be disabled.

Answer: D

Explanation:
for using "non ike" routes (for example BGP/static and so on) you must do disable the add-route that inject automatically kernel route based on p2 selectors from the remote site from the SD-WAN_7.2_Study_Guide page 236

NEW QUESTION 6
Which two performance SLA protocols enable you to verify that the server response contains a specific value? (Choose two.)

A. http
B. icmp
C. twamp
D. dns

Answer: AD

NEW QUESTION 7
Refer to the exhibit.

```
config vpn ipsec phase1-interface
    edit "FIRST_VPN"
        set type dynamic
        set interface "port1"
        set peertype any
        set proposal aes128-sha256 aes256-sha38
        set dhgrp 14 15 19
        set xauthtype auto
        set authusrgrp "first-group"
        set psksecret fortinet1
    next
    edit "SECOND_VPN"
        set type dynamic
        set interface "port1"
        set peertype any
        set proposal aes128-sha256 aes256-sha38
        set dhgrp 14 15 19
        set xauthtype auto
        set authusrgrp "second-group"
        set psksecret fortinet2
    next
edit
```

FortiGate has multiple dial-up VPN interfaces incoming on port1 that match only FIRST_VPN.
Which two configuration changes must be made to both IPsec VPN interfaces to allow incoming connections to match all possible IPsec dial-up interfaces? (Choose two.)

A. Specify a unique peer ID for each dial-up VPN interface.
B. Use different proposals are used between the interfaces.
C. Configure the IKE mode to be aggressive mode.
D. Use unique Diffie Hellman groups on each VPN interface.

Answer: AC

NEW QUESTION 8
Which CLI command do you use to perform real-time troubleshooting for ADVPN negotiation?

A. get router info routing-table all
B. diagnose debug application ike
C. diagnose vpn tunnel list
D. get ipsec tunnel list

Answer: B

NEW QUESTION 9
Refer to the exhibits.
Exhibit A

```
branch1_fgt (3) # show
config service
    edit 3
        set name "Corp"
        set mode sla
        set dst "Corp-net"
        set src "LAN-net"
        config sla
            edit "VPN_PING"
                set id 1
            next
            edit "VPN_HTTP"
                set id 1
            next
        end
        set priority-members 3 4 5
        set gateway enable
    next
end
```

Exhibit B

```
branch1_fgt # diagnose sys sdwan service 3

Service(3): Address Mode(IPV4) flags=0x200 use-shortcut-sla
  Gen(1), TOS(0x0/0x0), Protocol(0: 1->65535), Mode(sla), sla-compare-order
  Members(2):
    1: Seq_num(5 T_MPLS_0), alive, sla(0x3), gid(0), cfg_order(2), cost(0), selected
    2: Seq_num(4 T_INET_1_0), alive, sla(0x1), gid(0), cfg_order(1), cost(0), selected
    3: Seq_num(3 T_INET_0_0), alive, sla(0x0), gid(0), cfg_order(0), cost(0), selected
  Src address(1):
        10.0.1.0-10.0.1.255

  Dst address(1):
        10.0.0.0-10.255.255.255


branch1_fgt # get router info routing-table all | grep T_
S       10.0.0.0/8 [1/0] via T_INET_0_0 tunnel 100.64.1.1
                   [1/0] via T_INET_1_0 tunnel 100.64.1.9
S       10.201.1.254/32 [15/0] via T_INET_0_0 tunnel 100.64.1.1
S       10.202.1.254/32 [15/0] via T_INET_1_0 tunnel 100.64.1.9
S       10.203.1.254/32 [15/0] via T_MPLS_0 tunnel 172.16.1.5


branch1_fgt # diagnose sys sdwan member | grep T_
Member(3): interface: T_INET_0_0, flags=0x4 , gateway: 100.64.1.1,  peer: 10.201.1.254,
priority: 0 1024, weight: 0
Member(4): interface: T_INET_1_0, flags=0x4 , gateway: 100.64.1.9,  peer: 10.202.1.254,
priority: 0 1024, weight: 0
Member(5): interface: T_MPLS_0, flags=0x4 , gateway: 172.16.1.5,  peer: 10.203.1.254,
priority: 0 1024, weight: 0
```

Exhibit A shows the configuration for an SD-WAN rule and exhibit B shows the respective rule status, the routing table, and the member status.
The administrator wants to understand the expected behavior for traffic matching the SD-WAN rule. Based on the exhibits, what can the administrator expect for traffic matching the SD-WAN rule?

A. The traffic will be load balanced across all three overlays.
B. The traffic will be routed over T_INET_0_0.
C. The traffic will be routed over T_MPLS_0.
D. The traffic will be routed over T_INET_1_0.

Answer: C

NEW QUESTION 10
Which best describes the SD-WAN traffic shaping mode that bases itself on a percentage of available
bandwidth?

A. Interface-based shaping mode
B. Reverse-policy shaping mode
C. Shared-policy shaping mode
D. Per-IP shaping mode

Answer: A

Explanation:
Interface-based shaping goes further, enabling traffic controls based on percentage of the interface bandwidth.

NEW QUESTION 10
Refer to the exhibit.

```
config system settings
    set firewall-session-dirty check-new
end
```

Based on the exhibit, which two actions does FortiGate perform on sessions after a firewall policy change? (Choose two.)

A. FortiGate flushes all sessions.
B. FortiGate terminates the old sessions.
C. FortiGate does not change existing sessions.
D. FortiGate evaluates new sessions.

Answer: CD

Explanation:
FortiGate not to flag existing impacted session as dirty by setting firewall-session-dirty to check new. The results is that FortiGate evaluates only new session against the new firewall policy.

NEW QUESTION 13
Which components make up the secure SD-WAN solution?

A. Application, antivirus, and URL, and SSL inspection
B. Datacenter, branch offices, and public cloud
C. FortiGate, FortiManager, FortiAnalyzer, and FortiDeploy
D. Telephone, ISDN, and telecom network.

Answer: C

NEW QUESTION 18
In a hub-and-spoke topology, what are two advantages of enabling ADVPN on the IPsec overlays? (Choose two.)

A. It provides the benefits of a full-mesh topology in a hub-and-spoke network.
B. It provides direct connectivity between spokes by creating shortcuts.
C. It enables spokes to bypass the hub during shortcut negotiation.
D. It enables spokes to establish shortcuts to third-party gateways.

Answer: AB

NEW QUESTION 20
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