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Vendor: Fortinet

Code: FCSS_SDW_AR-7.4

Exam: FCSS - SD-WAN 7.4 Architect

https://www.examsnest.com/exam/fcss_sdw_ar-74/

QUESTIONS & ANSWERS

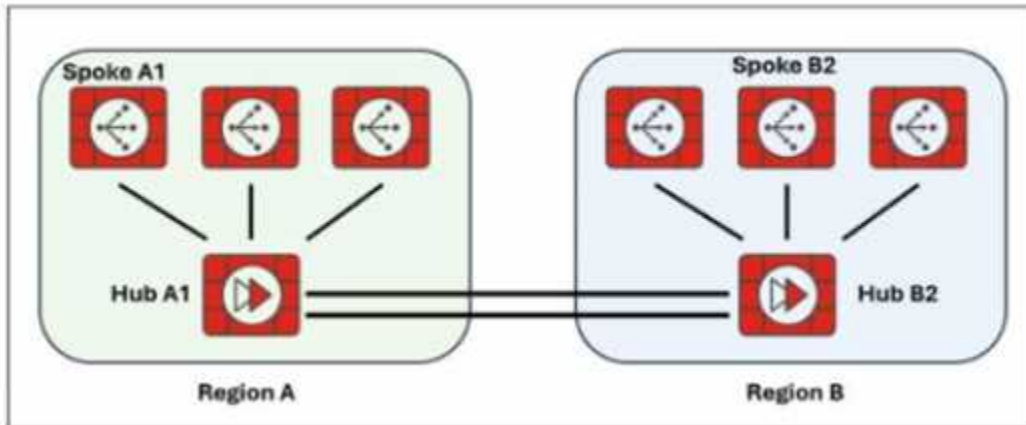
DEMO VERSION

QUESTIONS & ANSWERS
DEMO VERSION
(LIMITED CONTENT)

Version: 4.0

Question: 1

Exhibit.



Two hub-and-spoke groups are connected through redundant site-to-site IPsec VPNs between Hub 1 and Hub 2

Which two configuration settings are required for the spoke A1 to establish an ADVPN shortcut with the spoke B2? (Choose two.)

- A. On hubs, auto-discovery-forwarder must be enabled on the IPsec VPNs to hubs.
- B. On hubs, auto-discovery-receiver must be enabled on the IPsec VPNs to spokes.
- C. On hubs, auto-discovery-forwarder must be enabled on the IPsec VPNs to spokes.
- D. On hubs, auto-discovery-sender must be enabled on the IPsec VPNs to spokes

Answer: A, D

Question: 2

Refer to the exhibit.

SD-WAN configuration on FortiGate

```
branch1_fgt # get router info routing-table all
...
S* 0.0.0.0/0 [1/0] via 192.2.0.2, port1, [1/0]
    [1/0] via 192.2.0.10, port2, [10/0]
C 10.0.1.0/24 is directly connected, port5
B 10.1.0.0/24 [200/0] via 192.168.1.61 (recursive is directly connected, HUB1-VPN1), 1d03h58m, [1/0]
    [200/0] via 192.168.1.125 (recursive is directly connected, HUB1-VPN2), 1d03h58m, [1/0]
    [200/0] via 192.168.1.189 (recursive is directly connected, HUB1-VPN3), 1d03h58m, [1/0]
C 10.200.99.1/32 is directly connected, Branch-Lo
B 10.2.0.0/16 [200/0] via 192.168.1.61 (recursive is directly connected, HUB1-VPN1), 00:00:01, [1/0]
    [200/0] via 192.168.1.125 (recursive is directly connected, HUB1-VPN2), 00:00:51, [1/0]
    [200/0] via 192.168.1.189 (recursive is directly connected, HUB1-VPN3), 00:00:51, [1/0]
B 10.2.5.0/24 [200/0] via 192.168.1.61 (recursive is directly connected, HUB1-VPN3), 00:00:01, [1/0]
...

branch1_fgt # diag sys sdwan service4

Service(3): Address Mode(IPV4) flags=0x4200 use-shortcut-sla use-shortcut
Tie break: fib
Shortcut priority: 2
Gen(3), TOS(0x0/0x0), Protocol(0): src(1->65535):dst(1->65535), Mode(sla), sla-compare-order
Members(3):
  1: Seq_num(5 HUB1-VPN2 HUB1), alive, sla(0x1), gid(0), cfg_order(1), local cost(0), selected
  2: Seq_num(6 HUB1-VPN3 HUB1), alive, sla(0x1), gid(0), cfg_order(2), local cost(0), selected
  3: Seq_num(4 HUB1-VPN1 HUB1), alive, sla(0x0), gid(0), cfg_order(0), local 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

Service(4): Address Mode(IPV4) flags=0x4200 use-shortcut-sla use-shortcut
Tie break: cfg
Shortcut priority: 2
Gen(2), TOS(0x0/0x0), Protocol(0): src(1->65535):dst(1->65535), Mode(sla), sla-compare-order
Members(2):
  1: Seq_num(2 port2 underlay), alive, sla(0x3), gid(0), cfg_order(1), local cost(0), selected
  2: Seq_num(1 port1 underlay), alive, sla(0x1), gid(0), cfg_order(0), local cost(0), selected
Src address(1):
  10.0.1.0-10.0.1.255

Dst address(1):
  10.2.0.0-10.2.255.255
```

Which SD-WAN rule and interface uses FortiGate to steer the traffic from the LAN subnet 10.0.1.0/24 to the corporate server 10.2.5.254?

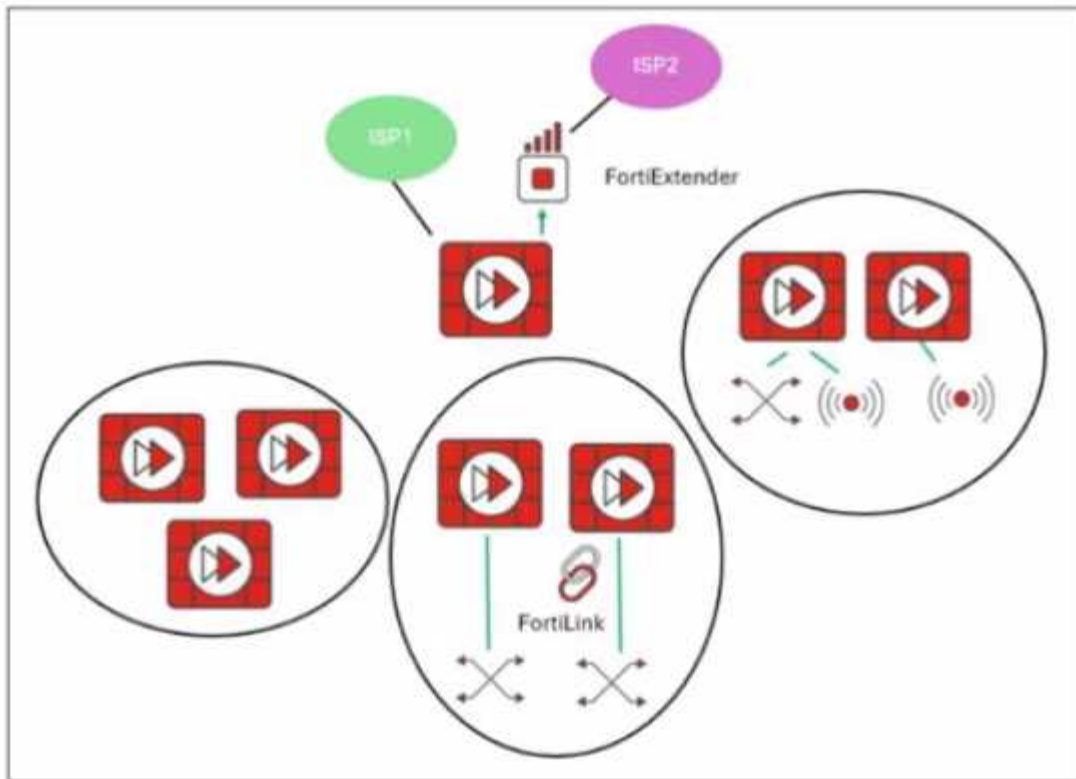
- A. SD-WAN service rule 3 and interface HUB1-VPN2.
- B. SD-WAN service rule 3 and interface HUB1-VPN3.
- C. SD-WAN service rule 4 and port1 or port2.
- D. SD-WAN service rule 4 and interface port2.

Answer: B

Question: 3

Refer to the exhibit.

SD-WAN Network Topology



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 NGFW, and some are installed with extensions such as FortiSwitch, FortiAP, or Forti Extender.

What should you consider when planning your deployment?

- A. You can build an SD-WAN topology that includes all devices. The hubs can be FortiGate devices with Forti Extender.
- B. You can build an SD-WAN topology that includes all devices. The hubs must be devices without extensions.
- C. You must use FortiManager to manage your SD-WAN topology.
- D. You must build multiple SD-WAN topologies. Each topology must contain only one type of extension.

Answer: B

Question: 4

Refer to the exhibit.

Event log on FortiGate

```
6: date=2024-12-18 time=15:15:06 eventtime=1734563705745090691 tz="-0800" logid="0113022925" type="event" subtype="sdwan" level="information" vd="root" logdesc="SDWAN SLA information" eventtype="SLA" healthcheck="HUB1_HC" slatargetid=1 interface="HUB1-VPN3" status="up" latency="1.001" jitter="0.162" packetloss="0.000" moscodec="g711" mosvalue="4.404" inbandwidthavailable="10.00Gbps" outbandwidthavailable="10.00Gbps" bibandwidthavailable="20.00Gbps" inbandwidthused="0kbps" outbandwidthused="0kbps" bibandwidthused="0kbps" slamap="0x1" msg="Health Check SLA status."

7: date=2024-12-18 time=15:14:26 eventtime=173456366633265394 tz="-0800" logid="0101037141" type="event" subtype="vpn" level="notice" vd="root" logdesc="IPsec tunnel statistics" msg="IPsec tunnel statistics" action="tunnel-stats" remip=120.64.1.1 locip=192.2.0.1 remport=500 locport=500 outintf="port1" srccountry="Reserved" cookies="50b8a3684ddfd2cb/af3f725d883c5585" user="10.0.64.1.1" group="N/A" useralt="N/A" xauthuser="N/A" xauthgroup="N/A" assignip=172.168.1.1 vpntunnel="VPN4_0" tunnelip=N/A tunnelid=3050027470 tunneltype="ipsec" duration=2968 sentbyte=245849 rcvbyte=246456 nextstat=600 fctuid="N/A" advpnsc=0

8: date=2024-12-18 time=15:04:26 eventtime=1734563066334261977 tz="-0800" logid="0101037141" type="event" subtype="vpn" level="notice" vd="root" logdesc="IPsec tunnel statistics" msg="IPsec tunnel statistics" action="tunnel-stats" remip=100.64.33.1 locip=192.2.0.1 remport=4500 locport=4500 outintf="port1" srccountry="Reserved" cookies="cfff150ded109a548/165f413d17cecc49" user="Branch3" group="N/A" useralt="N/A" xauthuser="N/A" xauthgroup="N/A" assignip=N/A vpntunnel="HUB1-VPN1_0" tunnelip=192.168.1.4 tunnelid=3050027486 tunneltype="ipsec" duration=1122 sentbyte=92064 rcvbyte=0 nextstat=600 fctuid="N/A" advpnsc=1

9: date=2024-12-18 time=15:04:26 eventtime=1734563066334252138 tz="-0800" logid="0101037141" type="event" subtype="vpn" level="notice" vd="root" logdesc="IPsec tunnel statistics" msg="IPsec tunnel statistics" action="tunnel-stats" remip=172.16.1.1 locip=172.16.0.1 remport=500 locport=500 outintf="port4" srccountry="Reserved" cookies="c6c2c62ecc04871/a4d93a059b8df005" user="172.16.1.1" group="N/A" useralt="N/A" xauthuser="N/A" xauthgroup="N/A" assignip=192.168.1.193 vpntunnel="HUB2-VPN3" tunnelip=N/A tunnelid=3050027467 tunneltype="ipsec" duration=2367 sentbyte=195836 rcvbyte=196492 nextstat=600 fctuid="N/A" advpnsc=0
```

Refer to the exhibit that shows event logs on FortiGate.

Based on the output shown in the exhibit, what can you say about the tunnels on this device?

- A. The master tunnel HUB2-VPN3 cannot accept ADVPN shortcuts.
- B. The device steers voice traffic through the VPN tunnel HUB1-VPN3.
- C. The VPN tunnel HUB1-VPN1_0 is a shortcut tunnel.
- D. There is one shortcut tunnel built from master tunnel VPN4.

Answer: B

Question: 5

Exhibit.

```
config system sdwan
    set fail-detect enable
    set fail-alert-interfaces "port5"
    config health-check
        edit "Level3 DNS"
            set update-cascade-interface enable
            set members 1 2
        next
        edit "HQ"
            set update-cascade-interface enable
            set members 3
        next
    end
end
```

Which action will FortiGate take if it detects SD-WAN members as dead?

- A. FortiGate bounces port5 after it detects all SD-WAN members as dead.
- B. FortiGate fails over to the secondary device after it detects port5 as dead.
- C. FortiGate sends alert messages through port5 when it detects all SD-WAN members as dead.

D. FortiGate brings down port5 after it detects all SD-WAN members as dead.

Answer: D



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Vendor: Fortinet

Code: FCSS_SDW_AR-7.4

Exam: FCSS - SD-WAN 7.4 Architect

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