

Fortinet

Exam Questions FCSS_SDW_AR-7.4

FCSS - SD-WAN 7.4 Architect



NEW QUESTION 1

Which two statements correctly describe what happens when traffic matches the implicit SD-WAN rule? (Choose two.)

- A. The session information output displays no SD-WAN service id.
- B. Traffic is load balanced using the algorithm set for the v4-ecmp-mode setting.
- C. The traffic is distributed, regardless of weight, through all available static routes.
- D. Traffic does not match any of the entries in the policy route table.
- E. FortiGate flags the session with may_dirty and vwl_def ault.

Answer: AD

NEW QUESTION 2

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

NEW QUESTION 3

Refer to the exhibits.

SD-WAN template zones and rules configuration

SD-WAN Zones ▾

+ Create New
Edit
Delete
Where Used
Search...

ID	Interface	Gateway	Cost	Priority	Status	Installation Target
virtual-wan-link						
underlay						
1	port1	\$(sdwan_port1_gw)	0	1	Enable	
2	port2	0.0.0.0	0	1	Enable	
WAN3						
3	port4	\$(sdwan_port4_gw)	0	1	Enable	1 Device in Total branch1_fgt [root]
HUB1						
4	HUB1-VPN1	0.0.0.0	0	1	Enable	
5	HUB1-VPN2	0.0.0.0	0	1	Enable	
6	HUB1-VPN3	0.0.0.0	0	1	Enable	

SD-WAN Rules ▾

+ Create New
Edit
Delete
More
Search...

ID	Name	Source	Destination	Criteria	Members	Performance SLA	Port	Protocol	Status
1	Critical-DIA	LAN-r	Salesforce Microsoft		port1 port2			any	Enable
3	Corp	LAN-r	Corp-net		HUB1-VPN1 HUB1-VPN2 HUB1-VPN3			any	Enable
sd-wan		All	All	Source IP	All			any	

FortiManager error message

Install Wizard - Validate Devices (3/4) _ □ ×

⚠ Task finished with errors.

Installation Preparation Total: 4/4
Success: 3
Warning: 0
Error: 1
Show Details
100%

✓ Ready to Install
 Only successfully validated device may be installed. Please confirm and click "Install" button to continue.

Install Preview
Search...

Device Name	Status	Action
branch1_fgt	Copy Failed	Log
branch2_fgt	Connection Up	
branch3_fgt	Connection Up	

View install log in FortiManager

View Install Log _ □ ×

```
Copy device global objects
Copy objects for vdom root
Commit failed:
error -999 - - (from Template Group Corp-SOT_BRANCH) (in Template branches) invalid ip - prop[getaway]: ip4class($(sdwan_port1_gw)) invalid ip addr
```

You use FortiManager to configure SD-WAN on three branch devices.

When you install the device settings, FortiManager prompts you with the error "Copy Failed" for the device branch1_fat. When you click the log button, FortiManager displays the message shown in the exhibit.

- A. Based on the exhibits, which statement best describes the issue and how you can resolve it?
- B. Remove the installation target for the SD-WAN member port4. You cannot combine metadata variable and installation targets.
- C. Gateways for all members in a zone must be defined the same way.
- D. Specify the gateway of the SD-WAN member port without metadata variables.
- E. Check the metadata variable definitions, and review the per-device mapping configuration.
- F. Check the connection between branch1_fgt and FortiManager.

Answer: A

NEW QUESTION 4

You are planning a large SD-WAN deployment with approximately 1000 spokes and want to allow ADVPN between the spokes. Some remote sites use FortiSASE to connect to the company's SD-WAN hub. Which overlay routing configuration should you use?

- A. BGP on loopback with dynamic BGP for ADVPN shortcut routing.
- B. BGP on loopback with IPsec phase2 selectors for ADVPN shortcut routing.
- C. BGP per overlay with dynamic BGP for ADVPN shortcut routing.
- D. BGP per overlay with BGP next-hop convergence for ADVPN shortcut routing.

Answer: A

NEW QUESTION 5

Refer to the exhibits.

Global System configuration

```
config system global
    set snat-route-change enable
end
```

Interface port2 configuration

```
config system interface
    [...]
    edit "port2"
        set vdom "root"
        set mode dhcp
        set allowaccess ping
        set type physical
        set snmp-index 2
    next
    [...]
```

Routing Table on FortiGate

```
branch1_fgt # get router info routing-table all
Codes: K - kernel, C - connected, S - static, R - RIP, B - BGP
O - OSPF, IA - OSPF inter area
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
E1 - OSPF external type 1, E2 - OSPF external type 2
i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
* - candidate default

Routing table for VRF=0
S* 0.0.0.0/0 [1/0] via 192.2.0.2, port2, [1/0]
    [1/0] via 192.2.0.10, port1 [10/0]
...
```

The exhibits show the source NAT (SNAT) global setting, port2 interface settings, and the routing table on FortiGate.

The administrator increases the member priority on port2 to 20.

Upon configuration changes and the receipt of new packets, which two actions does FortiGate perform on existing sessions established over port2? (Choose two.)

- A. FortiGate continues routing all existing sessions over port2.
- B. FortiGate routes only new sessions over port2.
- C. FortiGate flags the SNAT session as dirty only if the administrator has assigned an IP pool to the firewall policies with NAT.
- D. FortiGate flags the sessions as dirty.
- E. FortiGate updates the gateway information of the sessions with SNAT so that they use port1 instead of port2.

Answer: DE

NEW QUESTION 6

Refer to the exhibit.

```
ike V=root:0:VPN1_0:9: received informational request
ike V=root:0:VPN1_0:9: processing notify type SHORTCUT_QUERY
ike V=root:0:VPN1_0:9: rcv shortcut-query 5752810260829471092 6d5cdb5ceab1874d
/00000000000000000000 192.2.0.1 10.0.1.101:2048->10.0.3.101:0 0 psk 64 ppk 0 ttl
32 nat 0 ver 2 mode 0 network-id 1
ike V=root:0:VPN1: iif 20 10.0.1.101->10.0.3.101 0 route lookup oif 20 VPN1
gwy 192.168.1.4
ike V=root:0: shared dev tunnel lookup, tun-id=192.168.1.4
ike V=root:0:VPN1_3: forward shortcut-query 5752810260829471092 6d5cdb5ceab18
74d/00000000000000000000 192.2.0.1 10.0.1.101->10.0.3.101 0 psk 64 ppk 0 ttl 31
ver 2 mode 0, ext-mapping 192.2.0.1:0, network-id 1
```

Which statement best describe the role of the ADVPN device in handling traffic?

- A. This is a hub that has received a query from a spoke and has forwarded it to another spoke.
- B. This is a hub in a dual-region topolog
- C. The remote hub tunnel ID is 10.0.2.101.
- D. This is a spoke that has received a shortcut query from another spoke and has forwarded the response to its hub.
- E. This is a spok
- F. The kernel received a shortcut request and forwards the query to another spoke.

Answer: C

NEW QUESTION 7

When a customer delegate the installation and management of its SD-WAN infrastructure to an MSSP, the MSSP usually keeps the hub within its infrastructure for ease of management and to share costly resources.

In which two situations will the MSSP install the hub in customer premises? (Choose two.)

- A. The customer requires SIA with centralized breakout.
- B. The administrator expects a large volume of traffic between the branches.
- C. The customer expects a large amount of VoIP traffic.
- D. The majority of the branch traffic is directed to a corporate data center.

Answer: AB

NEW QUESTION 8

Refer to the exhibits.

IPsec template for Branch_IPsec_1

The screenshot shows the FortiManager interface for configuring an IPsec template. On the left, under 'Template Groups', the 'IPsec Tunnel' group is active, and 'Branch_IPsec_1' is selected. The main area shows the configuration for 'IPsec Template - Branch_IPsec_1'. The 'Name' field is 'Branch_IPsec_1'. Below it, there are buttons for '+ Create New', 'Edit', 'Delete', and 'More'. At the bottom, a table lists existing templates:

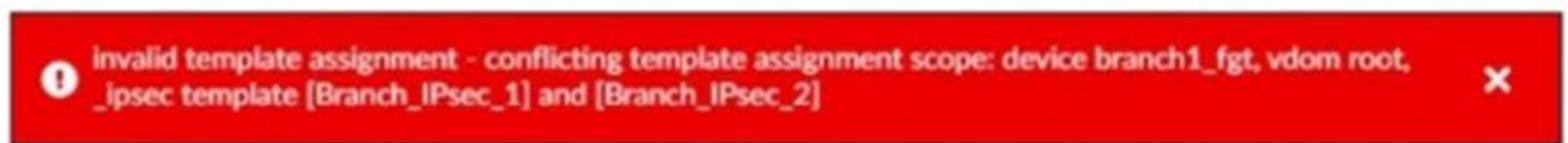
<input type="checkbox"/>	Name ↕	Type ↕	Outgoing Interface ↕
<input type="checkbox"/>	HUB1-VPN1	Static	\$(ISP1)

IPsec template for Branch_IPsec_2

The screenshot shows the FortiManager interface for configuring an IPsec template. On the left, 'Branch_IPsec_2' is selected. The main area shows the configuration for 'IPsec Template - Branch_IPsec_2'. The 'Name' field is 'Branch_IPsec_2'. Below it, there are buttons for '+ Create New', 'Edit', 'Delete', and 'More'. At the bottom, a table lists existing templates:

<input type="checkbox"/>	Name ↕	Type ↕	Outgoing Interface ↕
<input type="checkbox"/>	HUB1-VPN2	Static	\$(ISP2)

Error message in FortiManager



The exhibits show two IPsec templates to define Branch IPsec 1 and Branch_IPsec_2. Each template defines a VPN tunnel. The error message that FortiManager displayed when the administrator tried to assign the second template to the FortiGate device is also shown. Which statement best describes the cause of the issue?

- A. You can assign only one template with a tunnel type of static to each FortiGate device.
- B. You can assign only one IPsec template to each FortiGate device.
- C. You should review the branch1_fgt configuration for configured tunnels in the rootVDM.
- D. You should use the same outgoing interface of both templates.

Answer: B

NEW QUESTION 9

Which statement describes FortiGate behavior when you reference a zone in a static route?

- A. FortiGate installs ECMP static routes for the first two members of the zone.
- B. FortiGate ignores the static routes defined through members referenced in the zone.
- C. FortiGate routes the traffic through the best performing member of the zone.
- D. FortiGate installs a static route for each member in the zone.

Answer: D

NEW QUESTION 10

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