# Free Questions for NSE7_SDW-7.2

## Shared by Clark on 04-10-2024

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# Question 1

**Question Type:** MultipleChoice

Refer to the exhibit.

```
fgt_1 # diagnose sys sdwan service

Service(1): Address Mode(IPV4) flags=0x200 use-shortcut-sla
  Tie break: cfg
   Gen(7), TOS(0x0/0x0), Protocol(0: 1->65535), Mode(priority), link-cost-factor(latency), link-cost-
threshold(10), heath-check(HQ_Servers)

   Members(2):
     1: Seq_num(1 port1), alive, latency: 2.672, selected
     2: Seq_num(2 port2), alive, latency: 2.570, selected
   Internet Service(2): Facebook(4294836714,0,0,0,0 15832) Twitter(4294838045,0,0,0,0 16001)
   Src address(1):
         10.0.1.0-10.0.1.255

Service(2): Address Mode(IPV4) flags=0x200 use-shortcut-sla
  Tie break: cfg
   Gen(6), TOS(0x0/0x0), Protocol(0: 1->65535), Mode(manual)
   Members(1):
    1: Seq_num(2 port2), alive, selected
   Internet Service(2): Business(0,29,0,0,0) Industrial(0,26,0,0,0)
   Src address(1):
         10.0.1.0-10.0.1.255

Service(3): Address Mode(IPV4) flags=0x200 use-shortcut-sla
  Tie break: cfg
   Gen(7), TOS(0x0/0x0), Protocol(0: 1->65535), Mode(sla), sla-compare-order
   Members(3):
     1: Seq_num(3 T_HQ1), alive, alive, sla(0x3), gid(0), cfg_order(0), local cost(0), selected
     2: Seq_num(4 T_HQ2), alive, alive, sla(0x2), gid(0), cfg_order(1), local cost(0), selected
     3: Seq_num(5 T_HQ3), alive, alive, sla(0x1), gid(0), cfg_order(2), local cost(0), selected
   Src address(1):
         10.0.1.0-10.0.1.255
```

The exhibit shows output of the command diagnose 3vg sdwan service collected on a FortiGate device.

The administrator wants to know through which interface FortiGate will steer the traffic from local users on subnet 10.0.1.0/255.255.255.192 and with a destination of the business application Salesforce located on HO servers 10.0.0.1.

Based on the exhibits, which two statements are correct? (Choose two.)

### Options:

**A-** When FortiGate cannot recognize the application of the flow it steers the traffic destined to server 10.0.0.1 according to service rule 3.

**B-** FortiGate steers traffic to HO servers according to service rule 1 and it uses port1 or port2 because both interfaces are selected.

**C-** There is no service defined for the Salesforce application, so FortiGate will use the service rule 3 and steer the traffic through interface T_HQ1.

**D-** FortiGate steers traffic for business application according to service rule 2 and steers traffic through port2.

### Answer:

A, B

## Question 2

**Question Type:** MultipleChoice

Refer to the exhibits.

Exhibit A

| | # | Name | From | To | Source | Destination |
|---|---|---|---|---|---|---|
| ☑ | 1 | DIA | D-LAN<br>LAN | underlay | LAN-net | all |
| ☐ | Implicit (2/2 Total:1) | | | | | |
| ☐ | 2 | Implicit Deny | any | any | all<br>all | all<br>all |

Exhibit B

View Install Log

```
Copy device global objects

validation error on firewall policy 1, by dynamic interface check

Vdom copy failed:
error 42 - entry not exist. detail: Dynamic interface "LAN" mapping undefined for device branch2_fgt

Copy objects for vdom root
```

Exhibit A shows a policy package definition Exhibit B shows the install log that the administrator received when he tried to install the policy package on FortiGate devices.

Based on the output shown in the exhibits, what can the administrator do to solve the Issue?

## Options:

**A-** Create dynamic mapping for the LAN interface for all devices in the installation target list.

**B-** Use a metadata variable instead of a dynamic interface to define the firewall policy.

**C-** Dynamic mapping should be done automatically. Review the LAN interface configuration for branch2_fgt.

**D-** Policies can refer to only one LAN source interface. Keep only the D-LAN, which is the dynamic LAN interface.

## Answer:

A

# Question 3

**Question Type:** **MultipleChoice**

In which SD-WAN template field can you use a metadata variable?

## Options:

**A-** You can use metadata variables only to define interface members and the gateway IP.

**B-** All SD-WAN template fields support metadata variables.

**C-** Any field Identified with a dollar sign ($) in a magnifying glass.

**D-** Any field identified with an 'M' in a circle.

### Answer:

B

# Question 4

**Question Type:** MultipleChoice

What is true about SD-WAN multiregion topologies?

### Options:

**A-** Each region has its own SD-WAN topology

**B-** It is not compatible with ADVPN.

**C-** Regions must correspond to geographical areas.

**D-** Routing between the hub and spokes must be BGP.

## Answer:

A

# Question 5

**Question Type:** MultipleChoice

Which diagnostic command can you use to show the member utilization statistics measured by performance SLAs for the last 10 minutes?

## Options:

**A-** diagnose sys sdwan sla-log

**B-** diagnose ays sdwan health-check

**C-** diagnose sys sdwan intf-sla-log

**D-** diagnose sys sdwan log

## Answer:

A

# Question 6

**Question Type:** MultipleChoice

The SD-WAN overlay template helps to prepare SD-WAN deployments. To complete the tasks performed by the SD-WAN overlay template, the administrator must perform some post-run tasks. What are three mandatory post-run tasks that must be performed? (Choose three.)

## Options:

**A-** Create policy packages for branch devices.

**B-** Assign an sdwan_id metadata variable to each device (branch and hub}.

**C-** Configure routing through overlay tunnels created by the SD-WAN overlay template.

**D-** Assign a branch_id metadata variable to each branch device.

**E-** Configure SD-WAN rules.

## Answer:

A, B, C

# Question 7

**Question Type:** MultipleChoice

Refer to the exhibit.

```
ike 0:T_INET_0_0:214: received informational request
ike 0:T_INET_0_0:214: processing notify type SHORTCUT_QUERY
ike 0:T_INET_0_0: recv shortcut-query 90657619626014674 74
07409008f7fbd17e/0000000000000000 192.2.0.1 10.0.1.101->10.0.2.101 psk 64 ppk 0 ttl 32
nat 0 ver 2 mode 0
ike 0:T_INET_0: iif 20 10.0.1.101->10.0.2.101 route lookup oif 20 T_INET_0 gwy
10.201.1.1
ike 0:T_INET_0_1: forward shortcut-query 90657619626014674 74
07409008f7fbd17e/0000000000000000 192.2.0.1 10.0.1.101->10.0.2.101 psk 64 ppk 0 ttl 31
ver 2 mode 0, ext-mapping 192.2.0.1:500
```

Which statement about the role of the ADVPN device in handling traffic is true?

## Options:

**A-** This is a spoke that has received a query from a remote hub and has forwarded the response to its hub.

**B-** Two hubs, 10.0.1.101 and 10.0.2.101, are receiving and forwarding queries between each other.

**C-** This is a hub that has received a query from a spoke and has forwarded it to another spoke.

**D-** Two spokes, 192.2.0.1 and 10.0.2.101, forward their queries to their hubs.

**Answer:**

C

# Question 8

**Question Type:** **MultipleChoice**

Refer to the exhibit.

```
branch1_fgt # diagnose sys sdwan service 1

Service(3): Address Mode(IPV4) flags=0x200 use-shortcut-sla
  Gen(6), TOS(0x0/0x0), Protocol(0: 1->65535), Mode(manual)
  Members(2):
    1: Seq_num(3 T_INET_0_0), alive, selected
    2: Seq_num(4 T_INET_1_0), alive, 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 # diagnose sys sdwan member | grep T_INET_
Member(3): interface: T_INET_0_0, flags=0x4 , gateway: 100.64.1.1, priority: 10 1024,
weight: 0
Member(4): interface: T_INET_1_0, flags=0x4 , gateway: 100.64.1.9, priority: 0 1024,
weight: 0

branch1_fgt # get router info routing-table all | grep T_INET_
S       10.0.0.0/8 [1/0] via T_INET_1_0 tunnel 100.64.1.9
```

An administrator is troubleshooting SD-WAN on FortiGate. A device behind branch1_fgt generates traffic to the 10.0.0.0/8 network. The administrator expects the traffic to match SD-WAN rule ID 1 and be routed over T_INET_0_0. However, the traffic is routed over T_INET_1_0.

Based on the output shown in the exhibit, which two reasons can cause the observed behavior? (Choose two.)

### Options:

**A-** The traffic matches a regular policy route configured with T_INET_1_0 as the outgoing device.

**B-** T_INET_1_0 has a lower route priority value (higher priority) than T_INET_0_0.

**C-** T_INET_0_0 does not have a valid route to the destination.

**D-** T_INET_1_0 has a higher member configuration priority than T_INET_0_0.

### Answer:

A, C

## Question 9

**Question Type:** MultipleChoice

Two hub-and-spoke groups are connected through a site-to-site IPsec VPN between Hub 1 and Hub 2. The administrator configured ADVPN on both hub-and-spoke groups.

Which two outcomes are expected if a user in Toronto sends traffic to London? (Choose two.)

## Options:

**A-** London generates an IKE information message that contains the Toronto public IP address.

**B-** Traffic from Toronto to London triggers the dynamic negotiation of a direct site-to-site VPN.

**C-** Toronto needs to establish a site-to-site tunnel with Hub 2 to bypass Hub 1.

**D-** The first packets from Toronto to London are routed through Hub 1 then to Hub 2.

## Answer:

B, D

# Question 10

**Question Type:** **MultipleChoice**

What is the route-tag setting in an SD-WAN rule used for?

## Options:

**A-** To indicate the routes for health check probes.

**B-** To indicate the destination of a rule based on learned BGP prefixes.

**C-** To indicate the routes that can be used for routing SD-WAN traffic.

**D-** To indicate the members that can be used to route SD-WAN traffic.

## Answer:

B