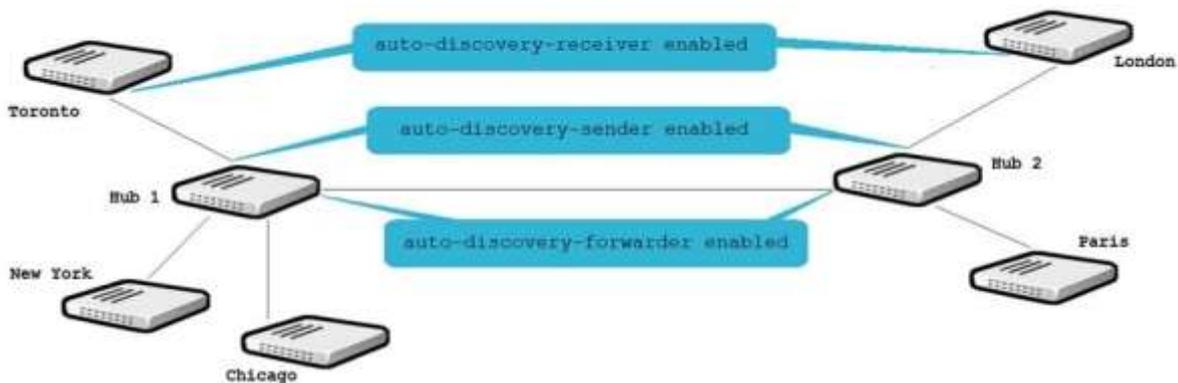


- **Vendor:** Fortinet
- **Exam Code:** NSE7\_SDW-6.4
- **Exam Name:** Fortinet NSE 7 - SD-WAN 6.4
- **New Updated Questions from** [Braindump2go](https://www.braindump2go.com)
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**QUESTION 1**

Refer to the exhibit.



Multiple IPsec VPNs are formed between two hub-and-spokes groups, and site-to-site between Hub 1 and Hub 2. The administrator configured ADVPN on the dual regions topology.

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

- A. Toronto needs to establish a site-to-site tunnel with Hub 2 to bypass Hub 1.
- B. The first packets from Toronto to London are routed through Hub 1 then to Hub 2.
- C. London generates an IKE information message that contains the Toronto public IP address.
- D. Traffic from Toronto to London triggers the dynamic negotiation of a direct site-to-site VPN.

**Correct Answer:** AD

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.fortinet.com/document/fortigate/6.0.0/handbook/320160/example-advpn->

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[configuration](#)

**QUESTION 2**

Refer to exhibits.

**Exhibit A** **Exhibit B**

---

**Edit Traffic Shaping Policy**

Name:

Status:  Enabled  Disabled

Comments:  0/255

---

**If Traffic Matches:**

Source:  +

Destination:  +

Schedule:

Service:  +

Application:  +

URL Category:  +

---

**Then:**

Action:  Apply Shaper  Assign Shaping Class ID

Outgoing interface:  +

Shared shaper:

Reverse shaper:

Per-IP shaper:

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Exhibit A
Exhibit B

---

**Edit Policy**

Name	Dailymotion_traffic	
Incoming interface	port3	
Outgoing interface	SD-WAN	
Source	all	x
	+	
Destination	all	x
	+	
Schedule	always	
Service	ALL	x
	+	
Action	<input checked="" type="checkbox"/> ACCEPT <input type="checkbox"/> DENY	
Inspection Mode	<input checked="" type="checkbox"/> Flow-based <input type="checkbox"/> Proxy-based	

**Firewall / Network Options**

NAT	<input checked="" type="checkbox"/>
IP Pool Configuration	<input checked="" type="checkbox"/> Use Outgoing Interface Address <input type="checkbox"/> Use Dynamic
Preserve Source Port	<input type="checkbox"/>
Protocol Options	<input checked="" type="checkbox"/> PRX <input type="checkbox"/> default

**Security Profiles**

AntiVirus	<input type="checkbox"/>
WebFilter	<input type="checkbox"/>
DNS Filter	<input type="checkbox"/>
Application Control	<input type="checkbox"/>
IPS	<input type="checkbox"/>
SSL Inspection	<input checked="" type="checkbox"/> SSL <input type="checkbox"/> certificate-inspection

Exhibit A shows the traffic shaping policy and exhibit B shows the firewall policy.

FortiGate is not performing traffic shaping as expected, based on the policies shown in the exhibits.

To correct this traffic shaping issue on FortiGate, what configuration change must be made on which policy?

- A. The URL category must be specified on the traffic shaping policy.
- B. The shaper mode must be applied per-IP shaper on the traffic shaping policy.
- C. The web filter profile must be enabled on the firewall policy.
- D. The application control profile must be enabled on the firewall policy.

**Correct Answer: C**

**Explanation Explanation/Reference:**

**QUESTION 3**

Which statement defines how a per-IP traffic shaper of 10 Mbps is applied to the entire network?

- A. The 10 Mbps bandwidth is shared equally among the IP addresses.

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- B. Each IP is guaranteed a minimum 10 Mbps of bandwidth.
- C. FortiGate allocates each IP address a maximum 10 Mbps of bandwidth.
- D. A single user uses the allocated bandwidth divided by total number of users.

**Correct Answer: C**

**Explanation**

**Explanation/Reference:**

Reference:

<https://docs.fortinet.com/document/fortigate/6.2.0/cookbook/885253/per-ip-traffic-shaper>

#### **QUESTION 4**

Which three parameters are available to configure SD-WAN rules? (Choose three.)

- A. Application signatures
- B. Incoming interface
- C. Internet service database (ISDB) address object
- D. Source and destination IP address
- E. Type of physical link connection

**Correct Answer: CDE**

#### **QUESTION 5**

Which diagnostic command you can use to show interface-specific SLA logs for the last 10 minutes?

- A. `diagnose sys virtual-wan-link health-check`
- B. `diagnose sys virtual-wan-link log`
- C. `diagnose sys virtual-wan-link sla-log`
- D. `diagnose sys virtual-wan-link intf-sla-log`

**Correct Answer: C**

**Explanation/Reference:**

Reference: <https://docs.fortinet.com/document/fortigate/6.2.0/cookbook/943037/sla-logging>

#### **QUESTION 6**

Which diagnostic command can you use to show the SD-WAN rules interface information and state?

- A. `diagnose sys virtual-wan-link route-tag-list.`
- B. `diagnose sys virtual-wan-link service.`
- C. `diagnose sys virtual-wan-link member.`
- D. `diagnose sys virtual-wan-link neighbor.`

**Correct Answer: C**

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.fortinet.com/document/fortigate/6.2.0/cookbook/818746/sd-wan-related-diagnose-commands>

#### **QUESTION 7**

Refer to exhibits.

Exhibit A		Exhibit B				
Name ↕	Detect Server ↕	Packet Loss	Latency	Jitter	Failure Threshold ↕	Recovery Threshold ↕
DC_PBX_SLA	4.2.2.2	port1: 0.00%	port1: 32.80ms	port1: 8.58ms	5	5
	4.2.2.1	port2: 0.00%	port2: 55.36ms	port2: 8.37ms		

```

Exhibit A Exhibit B
NGFW-1 # diagnose sys virtual-wan-link health-check
Health Check(DC_PBX_SLA):
Seq(1 port1): state(dead), packet-loss(75.000%) sla_map=0x0
Seq(2 port2): state(alive), packet-loss(0.000%) latency(50.477), jitter(3.699)
sla_map=0x1

NGFW -1 # diagnose sys virtual-wan-link service

Service(1): Address Mode(IPV4) flags=0x0
Gen(3), TOS(0x0/0x0), Protocol(0: 1->65535), Mode(priority), link-cost-
factor(latency), link-cost-threshold(10), heath-check(DC_PBX_SLA)
Members:
1: Seq_num(2 port2), alive, latency: 50.233, selected
2: Seq_num(1 port1), dead
Internet Service: Microsoft-Skype_Teams(327781,0,0,0)
Src address:
0.0.0.0-255.255.255.255
  
```

Exhibit A shows the performance SLA exhibit B shows the SD-WAN diagnostics output. Based on the exhibits, which statement is correct?

- A. Port1 became dead because no traffic was offload through the egress of port1.
- B. SD-WAN member interfaces are affected by the SLA state of the inactive interface.
- C. Both SD-WAN member interfaces have used separate SLA targets.
- D. The SLA state of port1 is dead after five unanswered requests by the SLA servers.

**Correct Answer: D**

**QUESTION 8**

Which statement is correct about the SD-WAN and ADVPN?

- A. Spoke support dynamic VPN as a static interface.
- B. Dynamic VPN is not supported as an SD-WAN interface.
- C. ADVPN interface can be a member of SD-WAN interface.
- D. Hub FortiGate is limited to use ADVPN as SD-WAN member interface.

**Correct Answer: C**

**QUESTION 9**

Which two reasons make forward error correction (FEC) ideal to enable in a phase one VPN interface?  
(Choose two.)

- A. FEC is useful to increase speed at which traffic is routed through IPsec tunnels.
- B. FEC transmits the original payload in full to recover the error in transmission.

- C. FEC transmits additional packets as redundant data to the remote device.
- D. FEC improves reliability, which overcomes adverse WAN conditions such as noisy links.
- E. FEC reduces the stress on the remote device jitter buffer to reconstruct packet loss.

**Correct Answer:** CD

**QUESTION 10**

Refer to exhibits.

```
Exhibit A | Exhibit B
config system global
    set snat-route-change enable
end
```

```
Exhibit A | Exhibit B
FortiGate # get router info routing-table details
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 192.168.73.2, port2, [1/0]
    [1/0] via 192.168.1.1, port1, [10/0]
C   10.0.1.0/24 is directly connected, port3
C   192.168.1.0/24 is directly connected, port1
C   192.168.73.0/24 is directly connected, port2
```

Exhibit A shows the source NAT global setting and exhibit B shows the routing table on FortiGate.

Based on the exhibits, which two statements about increasing the port2 interface priority to 20 are true? (Choose two.)

- A. All the existing sessions that do not use SNAT will be flushed and routed through port1.
- B. All the existing sessions will continue to use port2, and new sessions will use port1.
- C. All the existing sessions using SNAT will be flushed and routed through port1.
- D. All the existing sessions will be blocked from using port1 and port2.

**Correct Answer:** BC

**QUESTION 11**

Which components make up the secure SD-WAN solution?

- A. FortiGate, FortiManager, FortiAnalyzer, and FortiDeploy
- B. Application, antivirus, and URL, and SSL inspection



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- C. Datacenter, branch offices, and public cloud
- D. Telephone, ISDN, and telecom network

**Correct Answer:** A