

NSE7_SDW-6.4 Dumps

Fortinet NSE 7 - SD-WAN 6.4

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NEW QUESTION 1

An administrator is troubleshooting VoIP quality issues that occur when calling external phone numbers The SD-WAN interface on the edge FortiGate is configured with the default settings, and is using two upstream links One link has random jitter and latency issues and is based on a wireless connection Which two actions must the administrator apply simultaneously on the edge FortiGate to improve VoIP quality using SD_WAN rules?

- A. Select the corresponding SD-WAN balancing strategy in the SD-WAN rule.
- B. Choose the suitable interface based on the interface cost and weight.
- C. Use the performance SLA targets to detect latency and jitter instantly.
- D. Place the troublesome link at the top of the interface preference list.
- E. Configure an SD-WAN rule to load balance all traffic without VoIP.

Answer: AC

NEW QUESTION 2

Refer to exhibits. Exhibit A.

Exhibit A

Exhibit B

Link Status

Check interval

500

ms

Failures before inactive

3

Restore link after

2

check(s)

Actions when Inactive

Update static route

Exhibit B.

Exhibit A

Exhibit B

```

FortiGate # diagnose sys virtual-wan-link health-check
Seq(1 port1): state(alive), packet-loss(0.000%) latency(15.049), jitter(2.739)
sla_map=0x0
Seq(2 port2): state(dead), packet-loss(5.000%) sla_map=0x0

```

Exhibit A, which shows the SD-WAN performance SLA and exhibit B shows the health of the participating SD-WAN members. Based on the exhibits, which statement is correct?

- A. The dead member interface stays unavailable until an administrator manually brings the interface back.
- B. The SLA state of port2 has exceeded three consecutive unanswered requests from the SLA server.
- C. Port2 needs to wait 500 milliseconds to change the status from alive to dead.
- D. Check interval is the time to wait before a packet sent by a member interface considered as lost.

Answer: B

NEW QUESTION 3

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

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

Answer: A

NEW QUESTION 4

Refer to exhibits.

Exhibit A		Exhibit B			
ID	Name	Source	Destination	Criteria	Members
IPv4 3					
1	Google.ICMP	all	Google-ICMP	Latency	port1 port2
2	Vimeo	all	Vimeo		port2
3	All_Access_Rules	all	all		port1
Implicit 1					
	sd-wan	all	all	Source-Destination IP	any

Exhibit A		Exhibit B				
Date/Time	Source	Destination	Application Name	Result	Policy	Destination Interface
2020/10/15 11:12:27	10.0.1.10	151.101.250.109 (i.vimeocdn.com)	Vimeo	UTM Allowed	Internet Access (1)	port2
2020/10/15 11:12:22	10.0.1.10	34.120.15.67 (fresnel-events.vimeocdn.com)	Vimeo	2.00 kB / 4.33 kB	Internet Access (1)	port1
2020/10/15 11:12:20	10.0.1.10	172.217.13.227 (ocsp.pki.goog)	OCSP	1.28 kB / 1.49 kB	Internet Access (1)	port1
2020/10/15 11:12:07	10.0.1.10	23.47.205.151 (detectportal.firefox.com)	HTTP.BROWSER_Firefox	1.44 kB / 1.55 kB	Internet Access (1)	port1
2020/10/15 11:12:07	10.0.1.10	23.47.205.151 (detectportal.firefox.com)	HTTP.BROWSER_Firefox	1.43 kB / 1.60 kB	Internet Access (1)	port1
2020/10/15 11:12:04	10.0.1.10	99.84.221.62 (snippets.cdn.mozilla.net)	HTTPS.BROWSER	2.08 kB / 13.44 kB	Internet Access (1)	port1

Exhibit A shows the SD-WAN rules and exhibit B shows the traffic logs. The SD-WAN traffic logs reflect how FortiGate processed traffic. Which two statements about how the configured SD-WAN rules are processing traffic are true? (Choose two.)

- A. The implicit rule overrides all other rules because parameters widely cover sources and destinations.
- B. SD-WAN rules are evaluated in the same way as firewall policies: from top to bottom.
- C. The All_Access_Rules rule load balances Vimeo application traffic among SD-WAN member interfaces.
- D. The initial session of an application goes through a learning phase in order to apply the correct rule.

Answer: AB

NEW QUESTION 5

What are two reasons why FortiGate would be unable to complete the zero-touch provisioning process? (Choose two.)

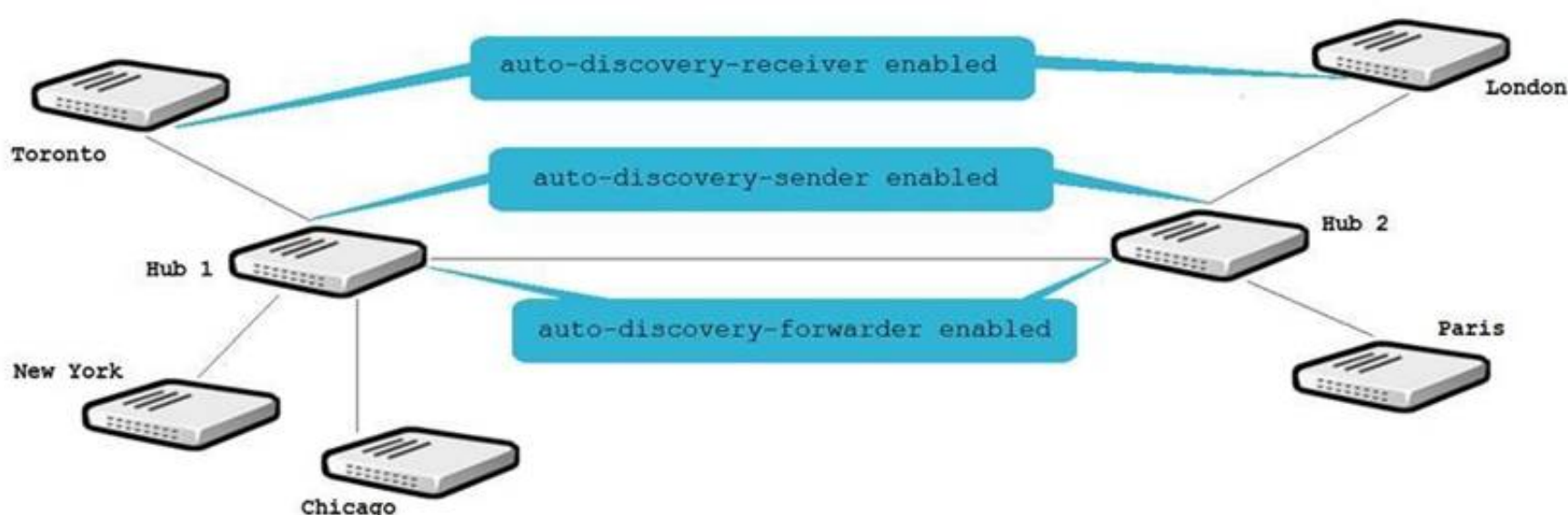
- A. The FortiGate cloud key has not been added to the FortiGate cloud portal.
- B. FortiDeploy has connected with FortiGate and provided the initial configuration to contact FortiManager
- C. The zero-touch provisioning process has completed internally, behind FortiGate.
- D. FortiGate has obtained a configuration from the platform template in FortiGate cloud.
- E. A factory reset performed on FortiGate.

Answer: AC

NEW QUESTION 6

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. Traffic from Toronto to London triggers the dynamic negotiation of a direct site-to-site VPN
- D. London generates an IKE information message that contains the Toronto public IP address

Answer: AC

NEW QUESTION 7

Refer to the exhibit.

```
FortiGate # diagnose firewall shaper per-ip-shaper list
name FTP_5M
maximum-bandwidth 625 KB/sec
maximum-concurrent-session 5
tos ff/ff
packets dropped 65
bytes dropped 81040
addr=10.1.0.1 status: bps=0 ses=1
addr=10.1.0.100 status: bps=0 ses=1
addr=10.1.10.1 status: bps=1656 ses=3
```

Which two statements about the debug output are correct? (Choose two)

- A. The debug output shows per-IP shaper values and real-time readings.
- B. This traffic shaper drops traffic that exceeds the set limits.
- C. Traffic being controlled by the traffic shaper is under 1 Kbps.
- D. FortiGate provides statistics and reading based on historical traffic logs.

Answer: AB

NEW QUESTION 8

Refer to the exhibit.

```
config vpn ipsec phase1-interface
  edit Hub
    set add-route enable
    set net-device disable
    set tunnel-search nexthop
  next
end

diagnose vpn tunnel list name Hub
list ipsec tunnel by names in vd 0
-----
name=Hub ver=1 serial=1 100.64.1.1:0->0.0.0.0:0 dst_mtu=0
bound_if=3 lgwy=static/1 tun=intf/0 mode=dialup/2 encap=none/512 options[0200]=search-
nexthop frag-rfc accept_traffic=1
proxypid_num=0 child_num=2 refcnt=20 ilast=176 olast=176 ad=/0
stat: rxp=22 txp=18 rxb=2992 txb=1752
dpd: mode=on-idle on=0 idle=20000ms retry=3 count=0 seqno=0
natt: mode=none draft=0 interval=0 remote_port=0
run_tally=2
ipv4 route tree:
100.64.3.1 1
100.64.5.1 0
172.16.1.2 1
172.16.1.3 0
```

Which two statements about the status of the VPN tunnel are true? <Choose two)

- A. There are separate virtual interfaces for each dial-up client.
- B. VPN static routes are prevented from populating the FortiGate routing table.
- C. FortiGate created a single IPsec virtual interface that is shared by all clients.
- D. 100.64.3.1 is one of the remote IP address that comes through index interface 1.

Answer: CD

NEW QUESTION 9

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 AExhibit 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. Both SD-WAN member interfaces have used separate SLA targets.
- B. The SLA state of port1 is dead after five unanswered requests by the SLA servers.
- C. Port1 became dead 1ecause no traffic was offload through the egress of port1.
- D. SD-WAN member interfaces are affected by the SLA state of the inactive interface

Answer: B

NEW QUESTION 10

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

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

Answer: BDE

NEW QUESTION 10

Which statement about using BGP routes in SD-WAN is true?

- A. Adding static routes must be enabled on all ADVPN interfaces.
- B. VPN topologies must be form using only BGP dynamic routing with SD-WAN
- C. Learned routes can be used as dynamic destinations in SD-WAN rules
- D. Dynamic routing protocols can be used only with non-encrypted traffic

Answer: C

NEW QUESTION 15

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