

Exam Questions NSE7_SDW-6.4

Fortinet NSE 7 - SD-WAN 6.4

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NEW QUESTION 1

What is the Inkmtd process responsible for?

- A. Monitoring links for any bandwidth saturation
- B. Processing performance SLA probes
- C. Flushing route tags addresses
- D. Logging interface quality information

Answer: D

NEW QUESTION 2

Refer to the exhibit.

```
config system virtual-wan-link
  set status enable
  set load-balance-mode source-ip-based
  config members
    edit 1
      set interface "port1"
      set gateway 100.64.1.254
      set source 100.64.1.1
      set cost 15
    next
    edit 2
      set interface "port2"
      set gateway 100.64.2.254
      set priority 10
    next
  end
end
```

Based on output shown in the exhibit, which two commands can be used by SD-WAN rules? (Choose two.)

- A. set cost 15.
- B. set source 100.64.1.1.
- C. set priority 10.
- D. set load-balance-mode source-ip-based.

Answer: CD

NEW QUESTION 3

Which components make up the secure SD-WAN solution?

- A. Application, antivirus, and URL, and SSL inspection
- B. Datacenter, branch offices, and public cloud
- C. FortiGate, FortiManager, FortiAnalyzer, and FortiDeploy
- D. Telephone, ISDN, and telecom network.

Answer: C

NEW QUESTION 4

Refer to the exhibit.

```
config system virtual-wan-link
  set status enable
  set load-balance-mode source-ip-based
  config members
    edit 1
      set interface "port1"
      set gateway 100.64.1.254
      set source 100.64.1.1
      set cost 15
    next
    edit 2
      set interface "port2"
      set gateway 100.64.2.254
      set priority 10
    next
  end
end
```

Based on the output shown in the exhibit, which two criteria on the SD-WAN member configuration can be used to select an outgoing interface in an SD-WAN rule? (Choose two.)

- A. Set priority 10.
- B. Set cost 15.
- C. Set load-balance-mode source-ip-ip-based.
- D. Set source 100.64.1.1.

Answer: D

NEW QUESTION 5

What would best describe the SD-WAN traffic shaping mode that bases itself on a percentage of available bandwidth?

- A. Per-IP shaping mode
- B. Reverse policy shaping mode
- C. Interface-based shaping mode
- D. Shared policy shaping mode

Answer: D

NEW QUESTION 6

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 7

What are the two minimum configuration requirements for an outgoing interface to be selected once the SD-WAN logical interface is enabled? (Choose two)

- A. Specify outgoing interface routing cost.
- B. Configure SD-WAN rules interface preference.
- C. Select SD-WAN balancing strategy.
- D. Specify incoming interfaces in SD-WAN rules.

Answer: AB

NEW QUESTION 8

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

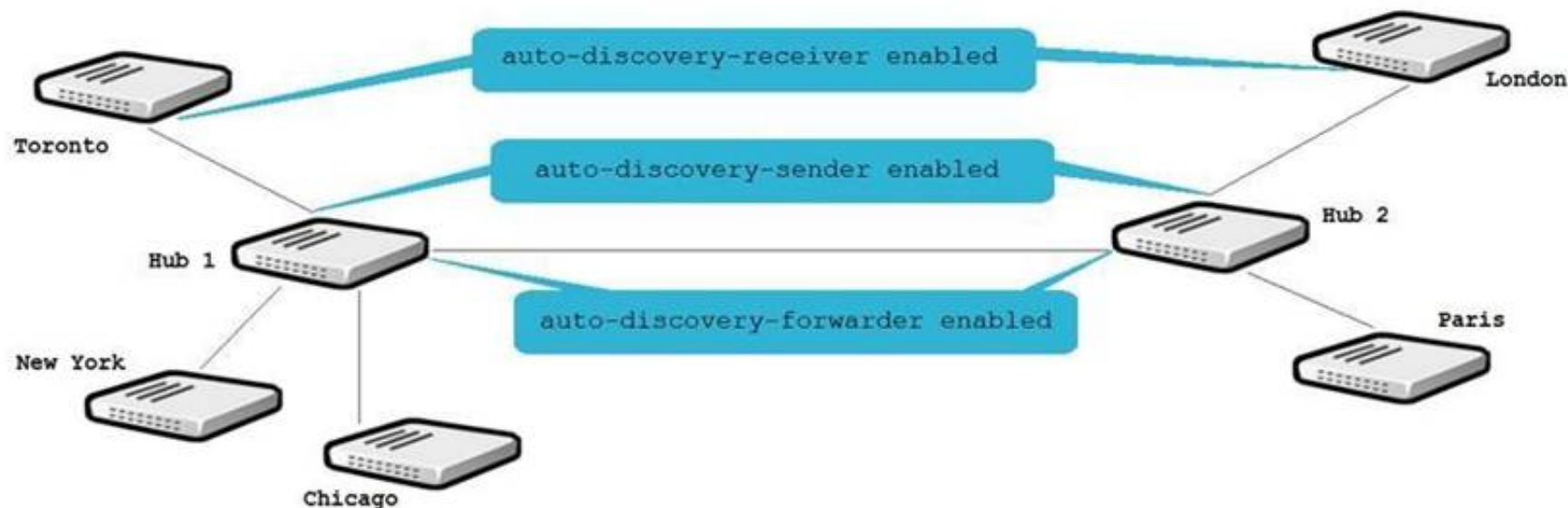
- C. The zero-touch provisioning process has completed internally, behind FortiGate.
- D. FortiGate has obtained a configuration from the platform template in FortiGate cloud.
- E. A factory reset performed on FortiGate.

Answer: AC

NEW QUESTION 9

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 10

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

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

Answer: A

NEW QUESTION 10

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 12

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. 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 because 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 16

Refer to the exhibit.

```

config vpn ipsec phase1-interface
edit "FIRST_VPN"
  set type dynamic
  set interface "port1"
  set peertype any
  set proposal aes128-sha256 aes256-sha38
  set dhgrp 14 15 19
  set xauthtype auto
  set authusrgrp "first-group"
  set psksecret fortinet1
next
edit "SECOND_VPN"
  set type dynamic
  set interface "port1"
  set peertype any
  set proposal aes128-sha256 aes256-sha38
  set dhgrp 14 15 19
  set xauthtype auto
  set authusrgrp "second-group"
  set psksecret fortinet2
next
edit
  
```

FortiGate has multiple dial-up VPN interfaces incoming on port1 that match only FIRST_VPN.

Which two configuration changes must be made to both IPsec VPN interfaces to allow incoming connections to match all possible IPsec dial-up interfaces?

(Choose two.)

- A. Specify a unique peer ID for each dial-up VPN interface.
- B. Use different proposals are used between the interfaces.
- C. Configure the IKE mode to be aggressive mode.
- D. Use unique Diffie Hellman groups on each VPN interface.

Answer: BD

NEW QUESTION 19

In the default SD-WAN minimum configuration, which two statements are correct when traffic matches the default implicit SD-WAN rule? (Choose two)

- A. Traffic has matched none of the FortiGate policy routes.
- B. Matched traffic failed RPF and was caught by the rule.
- C. The FIB lookup resolved interface was the SD-WAN interface.
- D. An absolute SD-WAN rule was defined and matched traffic.

Answer: AC

NEW QUESTION 22

Refer to exhibits. Exhibit A.

Exhibit A
Exhibit B

Link Status

Check interval

Failures before inactive i

Restore link after i

500

3

2

ms

check(s)

Actions when Inactive

Update static route i

Exhibit B.












Exhibit A		Exhibit B		
Interfaces	Gateway	Cost	Download	Upload
 port1	10.200.1.254	0	0 bps	0 bps
 port2	10.200.2.254	0	0 bps	0 bps
Destination	Gateway IP	Interface	Status	
 IPv4 4				
0.0.0.0/0		 SD-WAN	 Enabled	
10.0.20.0/23	192.168.1.1	 port1	 Enabled	
100.64.1.0/24	192.168.73.2	 port2	 Enabled	
172.20.0.0/16	192.168.73.2	 port2	 Enabled	

Exhibit A shows the SD-WAN performance SLA and exhibit B shows the SO-WAN interface and the static routes configuration.

Port1 and port2 are member interfaces of the SD-WAN, and port2 becomes a dead member after reaching the failure thresholds
Which statement about the dead member is correct?

- A. Subnets 100 .64.1.0/23 and 172 . 20 . 0. 0/16 are reachable only through port1
- B. SD-WAN interface becomes disabled and port1 becomes the WAN interface
- C. Dead members require manual administrator access to bring them back alive
- D. Port2 might become alive when a single response is received from an SLA server

Answer: A

NEW QUESTION 27

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