Fortinet

Exam Questions NSE7_SDW-6.4

Fortinet NSE 7 - SD-WAN 6.4

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
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 3
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 4
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
proxyid_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 5
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 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 6
Refer to the exhibit.

```
id=20085 trace_id=5087 func=print_pkt_detail line=5588 msg="vd-root:0 received a
packet(proto=6, 10.1.10.1:41370->31.13.80.12:443) from port3. flag [.], seq 1213725680,
ack 1169005655, win 65535"
id=20085 trace_id=5087 func=resolve_ip_tuple_fast line=5669 msg="Find an existing
session, id-00001ca4, original direction"
id=20085 trace_id=5087 func=fw_forward_dirty_handler line=447 msg="blocked by quota
check, drop"
```

Which statement about the trace evaluation by FomGate is true?

A. Packets exceeding the configured maximum concurrent connection limit are denied by the per-IP shaper.
B. The packet exceeded the configured bandwidth and was dropped based on the priority configuration.
C. The packet exceeded the configured maximum bandwidth and was dropped by the shared shaper.
D. Packets exceeding the configured concurrent connection limit are dropped based on the priority configuration.

Answer: A

NEW QUESTION 7
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 10
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