



NSE7_SDW-6.4^{Q&As}

Fortinet NSE 7 - SD-WAN 6.4

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QUESTION 1

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

Correct Answer: ADE

QUESTION 2

Which two statements describe how IPsec phase 1 aggressive mode is different from main mode when performing IKE negotiation? (Choose two)

- A. A peer ID is included in the first packet from the initiator, along with suggested security policies.
- B. XAuth is enabled as an additional level of authentication, which requires a username and password.
- C. A total of six packets are exchanged between an initiator and a responder instead of three packets.
- D. The use of Diffie Hellman keys is limited by the responder and needs initiator acceptance.

Correct Answer: BC

QUESTION 3

Refer to exhibits.



Exhibit A

Exhibit B

Edit Policy

Name	Internet Access
Incoming interface	port3
Outgoing interface	SD-WAN
Source	all
Destination	all
Schedule	always
Service	ALL
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



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



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

The traffic shaping policy is being applied to all outbound traffic; however, inbound traffic is not being evaluated by the shaping policy.

Based on the exhibits, what configuration change must be made in which policy so that traffic shaping can be applied to inbound traffic?

- A. The reverse shaper option must be enabled and a traffic shaper must be selected
- B. The guaranteed-10mbps option must be selected as the reverse shaper option.
- C. A new firewall policy must be created and SD-WAN must be selected as the incoming interface.
- D. The guaranteed-10mbps option must be selected as the per-IP shaper option

Correct Answer: A

QUESTION 4

What are two reasons for using FortiManager to organize and manage the network for a group of FortiGate devices? (Choose two)

- A. It simplifies the deployment and administration of SD-WAN on managed FortiGate devices.
- B. It improves SD-WAN performance on the managed FortiGate devices.
- C. It sends probe signals as health checks to the beacon servers on behalf of FortiGate.
- D. It acts as a policy compliance entity to review all managed FortiGate devices.
- E. It reduces WAN usage on FortiGate devices by acting as a local FortiGuard server.

Correct Answer: AE

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.

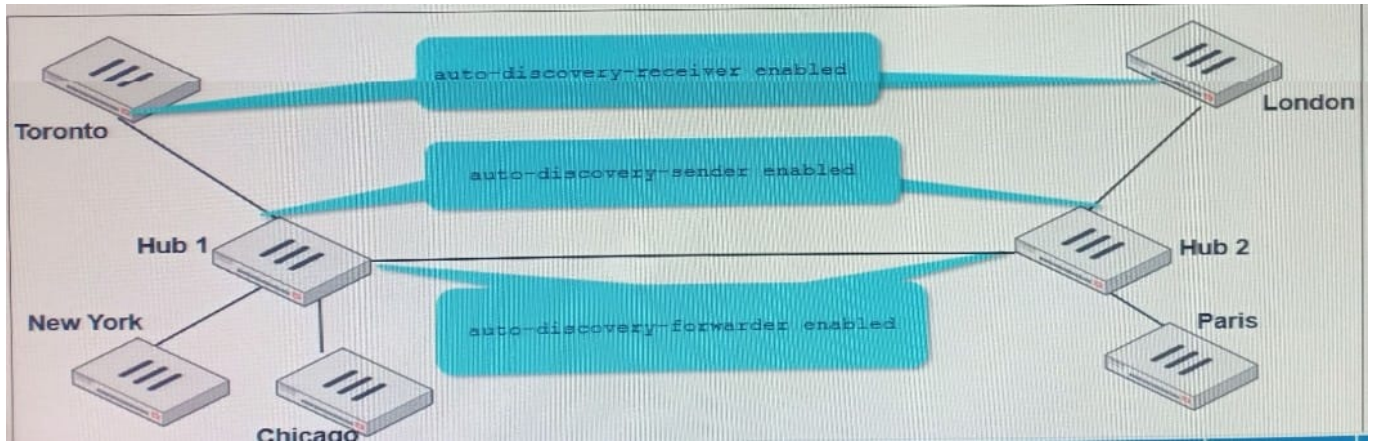
Correct Answer: AC



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. 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: BD

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QUESTION 7

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.

Correct Answer: AB

QUESTION 8

Which feature enables SD-WAN to combine IPsec VPN dynamic shortcut tunnels between spokes and a static tunnel to the hub?

- A. ADVPN
- B. GRE
- C. SSLVPN
- D. OCVPN

Correct Answer: A



QUESTION 9

Refer to the exhibit.

```
config system virtual-wan-link
config service
edit 1
    set name "Tagged Traffic"
    set mode manual
    set route-tag 15
next
end
end
```

Which statement about the command route-tag in the SD-WAN rule is true?

- A. It enables the SD-WAN rule to load balance and assign traffic with a route tag
- B. It tags each route and references the tag in the routing table.
- C. It uses route tags for a BGP community and assigns the SD-WAN rules with same tag.
- D. It ensures route tags match the SD-WAN rule based on the rule order

Correct Answer: C

QUESTION 10

Refer to the exhibit.

```
FortiGate # diagnose sys session list
session info: proto=1 proto_state=00 duration=25 expire=34 timeout=0 flags=00000000
socktype=0 sockport=0 av_idx=0 use=3
origin-shaper=
reply-shaper=
per_ip_shaper=
class_id=0 ha_id=0 policy_dir=0 tunnel=/ vlan_cos=0/255
state=dirty may_dirty
statistic(bytes/packets/allow_err): org=84/1/1 reply=84/1/1 tuples=2
tx speed(Bps/kbps): 0/0 rx speed(Bps/kbps): 0/0
origin->sink: org pre->post, reply pre->post dev=5->4/4->5 gwy=192.168.73.2/10.0.1.10
hook=post dir=org act=snat 10.0.1.10:2246->8.8.8.8:8(192.168.73.132:62662)
hook=pre dir=reply act=dnat 8.8.8.8:62662->192.168.73.132:0(10.0.1.10:2246)
misc=0 policy_id=1 auth_info=0 chk_client_info=0 vd=0
serial=00000a2c tos=ff/ff app_list=0 app=0 url_cat=0
rpdb_link_id= 80000000 rpdb_svc_id=0 ngfwid=n/a
npu_state=0x040000
total session 1
```

Based on the exhibit, which statement about FortiGate re-evaluating traffic is true?

- A. The type of traffic defined and allowed on firewall policy ID 1 is UDP.



- B. FortiGate has terminated the session after a change on policy ID 1.
- C. Changes have been made on firewall policy ID 1 on FortiGate.
- D. Firewall policy ID 1 has source NAT disabled.

Correct Answer: C

QUESTION 11

What are two reasons why it is effective to implement the internet service database (ISDB) in an SD-WAN rule?
(Choose two)

- A. The ISDB is dynamically updated and reduces administrative overhead.
- B. The ISDB applies rules to traffic from specific sources, based on application type.
- C. The ISDB requires application control to maintain signatures and perform load-balancing.
- D. The ISDB contains the IP addresses and port ranges of well-known destinations.

Correct Answer: AD

QUESTION 12

Refer to the exhibit

```
ike 0:H2S_0_0:2: notify msg received: SHORTCUT-QUERY
ike 0:H2S_0_0: rcv shortcut-query 289635615481843711 ce3375c4c7fb498f/0000000000000000
100.64.3.1 10.1.1.254->10.1.2.254 psk 64 ppk 0 ttl 32 nat 0 ver 1 mode 0
ike 0:H2S_0: iif 15 10.1.1.254->10.1.2.254 route lookup oif 15
ike 0:H2S_0_1: forward shortcut-query 289635615481843711
ce3375c4c7fb498f/0000000000000000 100.64.3.1 10.1.1.254->10.1.2.254 psk 64 ppk 0 ttl 31
ver 1 mode 0, ext-mapping 100.64.3.1:500
```

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

- A. Two spokes 100.64.3.1 and 10.1.2. 254 forward their queries to their hubs
- B. This is a hub that has received a query from a spoke and has forwarded it to another spoke
- C. This is a spoke that has received a query from a remote hub and has forwarded the response to its hub
- D. Two hubs. 10.1.1.254 and 10.1.2.254, are receiving and forwarding queries between each other

Correct Answer: B

QUESTION 13

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.

Correct Answer: BD

QUESTION 14

Which two tasks about using central VPN management are true? (Choose two.)

- A. You can configure full mesh, star, and dial-up VPN topologies.
- B. FortiManager installs VPN settings on both managed and external gateways.
- C. You configure VPN communities to define common IPsec settings shared by all VPN gateways.



D. You must enable VPN zones for SD-WAN deployments.

Correct Answer: AC

QUESTION 15

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.

Correct Answer: AB

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