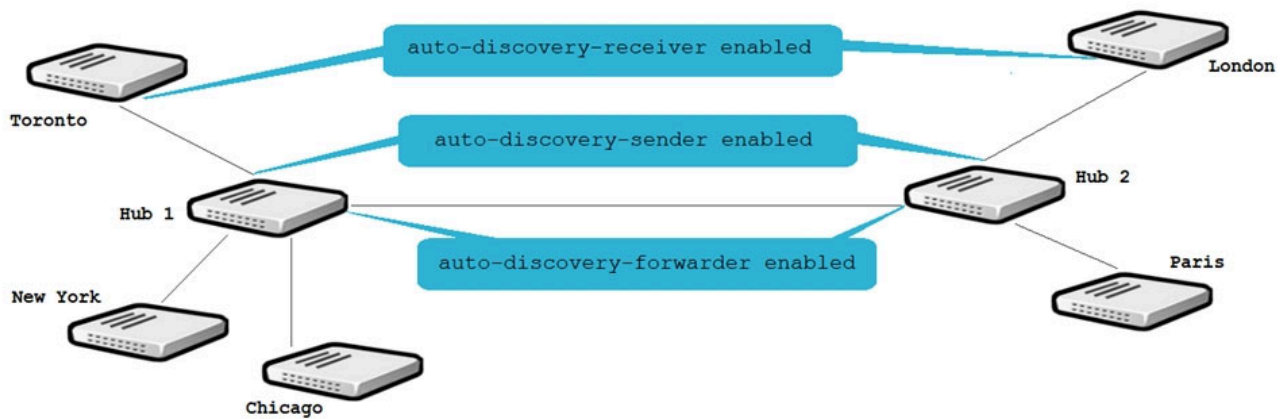




- Expert Verified, Online, **Free**.

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.

Suggested Answer: AD

Reference:

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

Community vote distribution

BD (100%)

evdw Highly Voted 2 years, 7 months ago

I think correct answer is B,D

upvoted 8 times

matm_ Most Recent 1 year, 11 months ago

Selected Answer: BD

B, D is correct

upvoted 1 times

neoraven 2 years, 5 months ago

B,D is correct

upvoted 2 times

josemlito 2 years, 6 months ago

Selected Answer: BD

answer is B,D

upvoted 4 times

mcs21 2 years, 6 months ago

B,D is correct.

upvoted 1 times

Ernestokoro 2 years, 6 months ago

Ans is BD

upvoted 1 times

Bob_Oso 2 years, 6 months ago

Selected Answer: BD

B,D refer to SD-WAN_6.4_Study_Guide page 207

upvoted 3 times

  **BoardPanda** 2 years, 7 months ago

B and D is correct

upvoted 3 times

  **eww_cybr** 2 years, 7 months ago

B,D refer to SD-WAN_6.4_Study_Guide page 207

upvoted 4 times

Exhibit A **Exhibit B****Edit Traffic Shaping Policy**

Name	<input type="text" value="Streaming_shaper"/>
Status	📌 Enabled 🛑 Disabled
Comments	<input type="text" value="Write a comment..."/> 0/255

If Traffic Matches:

Source	<div><div>📄 all</div><div>+</div><div>✕</div></div>
Destination	<div><div>📄 all</div><div>+</div><div>✕</div></div>
Schedule	<input type="checkbox"/>
Service	<div><div>👤 ALL</div><div>+</div><div>✕</div></div>
Application 📌	<div><div></div><div>+</div><div></div></div>
URL Category	<div><div>Streaming Media and Download</div><div>+</div><div>✕</div></div>

Then:

Action	Apply Shaper Assign Shaping Class ID
Outgoing interface	<div><div>🌐 SD-WAN</div><div>+</div><div>✕</div></div>
Shared shaper	<input type="checkbox"/>
Reverse shaper 🟢	<div><div>shared-1M-pipe</div><div>▼</div></div>
Per-IP shaper	<input type="checkbox"/>

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
ACCEPT DENY

Inspection Mode
Flow-based Proxy-based

Firewall / Network Options

NAT
☒

IP Pool Configuration
Use Outgoing Interface Address Use Dynamic

Preserve Source Port
☐

Protocol Options
PRX default

Security Profiles

AntiVirus
☐

WebFilter
☐

DNS Filter
☐

Application Control
☐

IPS
☐

SSL Inspection
SSL 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.

Suggested Answer: C

Community vote distribution

C (100%)

jarz 1 year, 9 months ago

Selected Answer: C

From the SD-WAN 6.4 Study Guide Page 131

""You need to have an IPv4 policy with web filter for this setup to work."

upvoted 1 times

🗨️ 👤 **amir5498** 1 year, 8 months ago

is this dump useful to take SD-WAN 7.0?

upvoted 1 times

🗨️ 👤 **mcs21** 2 years, 6 months ago

C is correct.

upvoted 1 times

🗨️ 👤 **josemblito** 2 years, 6 months ago

C is corret

upvoted 1 times

🗨️ 👤 **Ernestokoro** 2 years, 6 months ago

Ans is C

upvoted 1 times

🗨️ 👤 **Bob_Oso** 2 years, 6 months ago

Selected Answer: C

C refer to SD-WAN_6.4_Study_Guide page 131

upvoted 2 times

🗨️ 👤 **evdw** 2 years, 7 months ago

Agree correct answer is C

upvoted 4 times

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.
- 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.

Suggested Answer: C

Reference:

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

Community vote distribution

C (100%)

🗲️ 👤 **neoraven** 2 years, 5 months ago

correct ans C

upvoted 1 times

🗲️ 👤 **Bob_Oso** 2 years, 5 months ago

Selected Answer: C

C refer to SD-WAN_6.4_Study_Guide page 117

upvoted 2 times

🗲️ 👤 **mcs21** 2 years, 6 months ago

C is correct.

upvoted 1 times

🗲️ 👤 **Ernestokoro** 2 years, 6 months ago

Ans is C

upvoted 1 times

🗲️ 👤 **xijiansh** 2 years, 7 months ago

agree with C as well

upvoted 3 times

🗲️ 👤 **evdw** 2 years, 7 months ago

I agree with C

upvoted 3 times

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

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

Suggested Answer: CDE

Community vote distribution

ACD (100%)

🗳️ 👤 **Dabens** 7 months ago

A C D

upvoted 1 times

🗳️ 👤 **josemblito** 2 years, 6 months ago

Selected Answer: ACD

A C D are correct

upvoted 3 times

🗳️ 👤 **josemblito** 2 years, 6 months ago

Ans is ACD

upvoted 1 times

🗳️ 👤 **mcs21** 2 years, 6 months ago

A, C, D is correct.

upvoted 1 times

🗳️ 👤 **Bob_Oso** 2 years, 6 months ago

Selected Answer: ACD

ACD refer to SD-WAN_6.4_Study_Guide page 76

upvoted 4 times

🗳️ 👤 **Ernestokoro** 2 years, 6 months ago

Ans is ACD

upvoted 1 times

🗳️ 👤 **BoardPanda** 2 years, 7 months ago

A,C,D is correct

upvoted 4 times

🗳️ 👤 **Kimkeezai** 2 years, 7 months ago

Yes it's ACD. Details can be found at <https://docs.fortinet.com/document/fortigate/7.2.1/administration-guide/22371/sd-wan-rules-best-quality>.

upvoted 3 times

🗳️ 👤 **eww_cybr** 2 years, 7 months ago

A,C,D

page 76

upvoted 3 times

🗳️ 👤 **evdw** 2 years, 7 months ago

I think correct answer is A,C,D

upvoted 3 times

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

Suggested Answer: C

Reference:

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

Community vote distribution

D (100%)

🗳️ 👤 **geroboamo** 7 months, 3 weeks ago

Selected Answer: D

absolutely D

upvoted 1 times

🗳️ 👤 **alejof46** 1 year, 8 months ago

D is correct.

upvoted 1 times

🗳️ 👤 **chipsbc** 2 years ago

The answer is D. <https://docs.fortinet.com/document/fortigate/6.2.13/cookbook/818746/sd-wan-related-diagnose-commands>

upvoted 2 times

🗳️ 👤 **dogeatdog** 2 years, 2 months ago

"diagnose sys sdwan intf-sla-log" in version 7.0. Page 95 of 7.0 study guide.

upvoted 4 times

🗳️ 👤 **neoraven** 2 years, 5 months ago

ans correct D

upvoted 2 times

🗳️ 👤 **secdaddy** 2 years, 5 months ago

Supports D

<https://community.fortinet.com/t5/FortiGate/Technical-Tip-Diagnostic-commands-to-check-the-status-of-the-SD/ta-p/194246>

upvoted 3 times

🗳️ 👤 **ama6** 2 years, 5 months ago

To check interface logs from the past 15 minutes:

FGT (root) # diagnose sys virtual-wan-link intf-sla-log R150

D is correct

upvoted 2 times

🗳️ 👤 **LJRF84** 2 years, 5 months ago

show interface-specific = D

upvoted 3 times

🗳️ 👤 **josemlito** 2 years, 6 months ago

Selected Answer: D

answer D, page 104

upvoted 2 times

🗳️ 👤 **Bob_Oso** 2 years, 6 months ago

Selected Answer: D

D refer to SD-WAN_6.4_Study_Guide page 104

upvoted 2 times

  **Ernestokoro** 2 years, 7 months ago



correct ans is C <https://community.fortinet.com/t5/FortiGate/Technical-Tip-SLA-Logging/ta-p/190934>. specific to For FortiOS 6.2 while is it diagnose sys sdwan sla-log for For FortiOS 6.4. T4, the options available to us here is correct with C

upvoted 2 times

  **BoardPanda** 2 years, 7 months ago



C - <https://community.fortinet.com/t5/FortiGate/Technical-Tip-SLA-Logging/ta-p/190934>

upvoted 3 times

  **xijiansh** 2 years, 7 months ago



Agreed with Answer D

upvoted 1 times

  **haphap** 2 years, 7 months ago

D. page 104

upvoted 1 times

  **evdw** 2 years, 7 months ago

Agree correct answer is C

upvoted 3 times

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

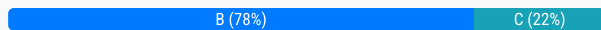
- A. diagnose sys virtual-wan-link route-tag-list.
- B. diagnose sys virtual-wan-link service.
- C. diagnose sys virtual-wan-link member.
- D. diagnose sys virtual-wan-link neighbor.

Suggested Answer: C

Reference:

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

Community vote distribution



🗳️ **Chriesibusch** 1 year, 10 months ago

For 7.0 it is actually "diagnose sys sdwan service". But C is correct, it shows the status.
upvoted 1 times

🗳️ **FortiSherlock** 1 year, 12 months ago

B is correct because C only shows member information, but not related towards any service rule or the corresponding SLA.
upvoted 1 times

🗳️ **dogeatdog** 2 years, 2 months ago

6 and 40 are the same questions with different answers
upvoted 1 times

🗳️ **dogeatdog** 2 years, 2 months ago

page 73 of 7.0 study guide. answer is C
upvoted 1 times

🗳️ **neoraven** 2 years, 5 months ago

B correct
upvoted 1 times

🗳️ **ama6** 2 years, 5 months ago

To check SD-WAN service rules status:

Manual mode service rules.

FGT # diagnose sys virtual-wan-link service

B is correct
upvoted 1 times

🗳️ **kakecg** 2 years, 6 months ago

Selected Answer: B

I think that is B. C (Member) informs only about interface but not status. B (Service) informs about service but interface and status too.
upvoted 3 times

🗳️ **josemblito** 2 years, 6 months ago

Selected Answer: C

answer is B, page 36.
upvoted 2 times

🗳️ **Ernestokoro** 2 years, 6 months ago

Correct ans is C
upvoted 1 times

🗳️ **ama6** 2 years, 5 months ago

Correct answers B

upvoted 2 times

  **Bob_Oso** 2 years, 6 months ago

Selected Answer: B



B refer to SD-WAN_6.4_Study_Guide page 36

upvoted 4 times

  **BoardPanda** 2 years, 7 months ago



B, <https://community.fortinet.com/t5/FortiGate/Technical-Tip-Diagnostic-commands-to-check-the-status-of-the-SD/ta-p/194246>

upvoted 3 times

  **haphap** 2 years, 7 months ago



C .page 36

upvoted 2 times

  **xijiansh** 2 years, 7 months ago

I believe C is correct

upvoted 1 times

  **evdw** 2 years, 7 months ago

I think the correct answer is B

upvoted 4 times

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.

Suggested Answer: D

Community vote distribution

D (100%)

 **secdaddy** 2 years, 5 months ago

Could this be C? port1=sla_map 0x0 and port 2=sla_map 0x1

upvoted 1 times

 **Ernestokoro** 2 years, 6 months ago

Ans is D

upvoted 1 times

 **Bob_Oso** 2 years, 6 months ago

Selected Answer: D

D refer to SD-WAN_6.4_Study_Guide page 57

upvoted 2 times

 **evdw** 2 years, 7 months ago

Agree correct answer is D

upvoted 3 times

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.

Suggested Answer: C

Community vote distribution

C (100%)

🗨️ 👤 **Computerhigh** 2 years, 5 months ago

Selected Answer: C

C refer to SD-WAN_6.4_Study_Guide page 224

upvoted 2 times

🗨️ 👤 **Ernestokoro** 2 years, 6 months ago

correct ans is C

upvoted 2 times

🗨️ 👤 **BoardPanda** 2 years, 7 months ago

Correction, C is correct.

upvoted 3 times

🗨️ 👤 **BoardPanda** 2 years, 7 months ago

B, <https://docs.fortinet.com/document/fortimanager/6.4.0/examples/226442/configuring-vpn-manager>

upvoted 1 times

🗨️ 👤 **evdw** 2 years, 7 months ago

Agree correct answer is C

upvoted 3 times

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.

Suggested Answer: CD

Community vote distribution

CD (100%)

🗳️ 👤 **Computerhigh** 2 years, 5 months ago

C, and D refer to SD-WAN_6.4_Study_Guide page 191
upvoted 1 times

🗳️ 👤 **Bob_Oso** 2 years, 5 months ago

Selected Answer: CD

CD refer to SD-WAN_6.4_Study_Guide page 191
upvoted 2 times

🗳️ 👤 **Ernestokoro** 2 years, 6 months ago

Correct answer is CD
upvoted 1 times

🗳️ 👤 **haphap** 2 years, 7 months ago

C, D are correct
upvoted 3 times

🗳️ 👤 **evdw** 2 years, 7 months ago

Correction correct answer is C,D
upvoted 3 times

🗳️ 👤 **evdw** 2 years, 7 months ago

I think the correct answer is D,E

FEC is an error correction control algorithm based on parity bits (not sending duplicate packets of any kind) and because it sends additional bits it will reduce the bandwidth.

upvoted 1 times

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.

Suggested Answer: BC

Community vote distribution

AC (100%)

FortiSherlock 1 year, 12 months ago

A and C are correct. All existing sessions are marked as dirty and re-routed via port1 because port2 gets a higher priority value.
upvoted 1 times

Donkey2022 2 years, 4 months ago

Selected Answer: AC

A and C
upvoted 2 times

Bob_Oso 2 years, 5 months ago

Selected Answer: AC

AC refer to SD-WAN_6.4_Study_Guide page 71
upvoted 3 times

Idrom 2 years, 6 months ago

A and C.
upvoted 1 times

josemlito 2 years, 6 months ago

Selected Answer: AC

a and C are correct

upvoted 1 times

🗨️ 👤 **Ernestokoro** 2 years, 6 months ago

Guys ans is BC see below

upvoted 1 times

🗨️ 👤 **Ernestokoro** 2 years, 6 months ago

My apologies, I think it is AC actually

upvoted 1 times

🗨️ 👤 **BoardPanda** 2 years, 7 months ago

A and C

upvoted 2 times

🗨️ 👤 **haphap** 2 years, 7 months ago

A C are correct

upvoted 3 times

🗨️ 👤 **xijiansh** 2 years, 7 months ago

checked on P72, it's A and C

upvoted 3 times

🗨️ 👤 **evdw** 2 years, 7 months ago

I think the correct answer is A,C

upvoted 3 times

Which components make up the secure SD-WAN solution?

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

Suggested Answer: A

Community vote distribution

A (100%)

  **Bob_Oso** 2 years, 5 months ago

Selected Answer: A



A refer to SD-WAN_6.4_Study_Guide page 11

upvoted 2 times

  **Ernestokoro** 2 years, 6 months ago

Correct ans is A

upvoted 1 times

  **evdw** 2 years, 7 months ago

Agree correct answer is A

upvoted 3 times

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.

Suggested Answer: CD

Community vote distribution


CD (100%)

 **Bob_Oso** 2 years, 5 months ago

Selected Answer: CD

CD refer to SD-WAN_6.4_Study_Guide page 185

upvoted 1 times

 **Ernestokoro** 2 years, 6 months ago

Ans is CD

upvoted 1 times

 **evdw** 2 years, 7 months ago

I think correct answer is C,D

If net-device is disabled, FortiGate creates a single IPSEC virtual interface that is shared by all IPSEC clients connecting to the same dialup VPN. In this case, the tunnel-search setting determines how FortiGate learns the network behind each remote client.

upvoted 3 times

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.

Suggested Answer: AB

Community vote distribution

BD (100%)

FortiSherlock 1 year, 12 months ago

Selected Answer: BD

B & D. Top to bottom processing is obvious, the learning phase of the application control is also explained in the study guide.

Learning phase is necessary because when looking at only the IP & port information of the first packet, the application cannot often not be determined. FGT has to look into the payload and potentially also into payloads of further packets until the application can be recognized.

upvoted 2 times

Brym 2 years, 1 month ago

Selected Answer: BD

b and D

upvoted 1 times

mrtim5700 2 years, 2 months ago

B&D. The policies are processed top down (like firewall policies). Because of this, A is incorrect.


upvoted 1 times

Computerhigh 2 years, 5 months ago

B and D

SD-WAN rules are done from top to bottom, and Initial sessions goes through learning phase before forwarding out the correct port.

upvoted 2 times

  **Bob_Oso** 2 years, 5 months ago

Selected Answer: BD

BD refer to SD-WAN_6.4_Study_Guide page 94

upvoted 2 times

  **Kevin4work** 2 years, 6 months ago

Selected Answer: BD

ans is BD

upvoted 1 times

  **Ernestokoro** 2 years, 6 months ago

correct ans is BD

upvoted 1 times

  **BoardPanda** 2 years, 7 months ago



B and D

upvoted 2 times

  **eww_cybr** 2 years, 7 months ago



B,D is correct

upvoted 3 times

  **xijiansh** 2 years, 7 months ago

Learning guide 94 , B and D

upvoted 3 times

  **evdw** 2 years, 7 months ago

I think the correct answer is B,D

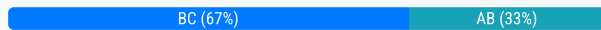
upvoted 3 times

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.

Suggested Answer: AB

Community vote distribution



🗳️ 👤 **alejof46** 1 year, 8 months ago

B and C.

outgoing interfaces options:

strategy outgoing interfaces. (manual , best quality, Lowest cost and Bandwidth)

Interface preference

measured sla

upvoted 1 times

🗳️ 👤 **Yekoy** 1 year, 10 months ago

Selected Answer: AB

A and B

C is not correct since your only choosing for a load balance strategy not the outgoing interface

upvoted 1 times

🗳️ 👤 **Andres21216** 1 year, 11 months ago

B and C is correct Only create a new rule in SDWAN GUI

upvoted 2 times

🗳️ 👤 **10000Lights** 2 years, 5 months ago

b and c

upvoted 2 times

🗳️ 👤 **ama6** 2 years, 5 months ago

B and C

upvoted 1 times

🗳️ 👤 **Bob_Oso** 2 years, 5 months ago

Selected Answer: BC

BC refer to SD-WAN_6.4_Study_Guide page 76

upvoted 2 times

🗳️ 👤 **Ernestokoro** 2 years, 6 months ago

correct ans AB

upvoted 1 times

🗳️ 👤 **eww_cybr** 2 years, 7 months ago

- SLA Target Requirements

- Cost

- Interface Preference



Page 83 Study Guide

upvoted 1 times

🗳️ 👤 **xijiansh** 2 years, 7 months ago

I'll go for A and B

upvoted 2 times

  **haphap** 2 years, 7 months ago

B .C are correct

upvoted 1 times

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 tupless=2
tx speed(Bps/kbps): 0/0 rx speed(Bps/kbps): 0/0
orgin->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
rpd_b_link_id= 80000000 rpd_b_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. Changes have been made on firewall policy ID 1 on FortiGate.
- C. Firewall policy ID 1 has source NAT disabled.
- D. FortiGate has terminated the session after a change on policy ID 1.

Suggested Answer: B

Community vote distribution

B (100%)

 **FortiSherlock** 1 year, 12 months ago

Selected Answer: B

I agree with B, even though the answer could also be wrong. Could have been a routing change and not a change on policy id 1 that dirtied the session.

But B is the most likely correct answer.


upvoted 1 times

 **dede1234** 2 years, 2 months ago

answer is B

<https://community.fortinet.com/t5/FortiGate/Technical-Tip-Dirty-session/ta-p/197748>

upvoted 1 times

 **chgoonk** 2 years, 3 months ago

A dirty session is a session that must be re-evaluated by the kernel after it is impacted by a routing, firewall policy, or interface change. FortiGate performs route lookups for both original and reply traffic. Also, during route lookup, policy routes are also checked.

upvoted 1 times

 **Bob_Oso** 2 years, 5 months ago

Selected Answer: B

B refer to SD-WAN_6.4_Study_Guide page 51

upvoted 2 times

 **haphap** 2 years, 7 months ago

B . DIRTY MAY_DIRTY

upvoted 3 times

 **evdw** 2 years, 7 months ago

Agree correct answer is B
upvoted 3 times

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

Suggested Answer: AE

Community vote distribution

AE (100%)

🗲️ 👤 **Bob_Oso** 2 years, 5 months ago

Selected Answer: AE

AE refer to SD-WAN_6.4_Study_Guide page 169

upvoted 1 times

🗲️ 👤 **Ernestokoro** 2 years, 6 months ago

Correct and AE

upvoted 2 times

🗲️ 👤 **haphap** 2 years, 7 months ago

A , E PAGE 153 - 154

upvoted 3 times

Which two statements reflect the benefits of implementing the ADVPN solution to replace conventional VPN topologies? (Choose two.)

- A. It creates redundant tunnels between hub-and-spokes, in case failure takes place on the primary links.
- B. It dynamically assigns cost and weight between the hub and the spokes, based on the physical distance.
- C. It ensures that spoke-to-spoke traffic no longer needs to flow through the tunnels through the hub.
- D. It provides direct connectivity between all sites by creating on-demand tunnels between spokes.

Suggested Answer: *CD*

Community vote distribution

CD (100%)

🗲️ 👤 **jarz** 1 year, 9 months ago

Isn't it Hub to Hub

upvoted 1 times

🗲️ 👤 **Bob_Oso** 2 years, 5 months ago

Selected Answer: CD

CD refer to SD-WAN_6.4_Study_Guide page 205

upvoted 1 times

🗲️ 👤 **Ernestokoro** 2 years, 6 months ago

correct ans CD

upvoted 1 times

🗲️ 👤 **Deens** 2 years, 7 months ago

i think correct answer is C & D

upvoted 3 times

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

Suggested Answer: *CD*

Community vote distribution

AC (100%)

  **neoraven** 2 years, 5 months ago

Correct is A and C.

upvoted 2 times

  **Computerhigh** 2 years, 5 months ago

B, and C

Source IP (source-ip-based): All traffic from a source IP is sent to the same interface (Page 25)

priority: You can set the priority of the interface that can be used for SD-WAN rules or priority rules. (Page 30)

upvoted 2 times

  **pierreramarge** 2 years ago

B - sourceip in the member config is to specify the healthcheck source ip.

D - not member config

Answer is definitely AC

upvoted 1 times

  **Bob_Oso** 2 years, 5 months ago

Selected Answer: AC

AC refer to SD-WAN_6.4_Study_Guide page 30

upvoted 1 times

  **josemblito** 2 years, 6 months ago

Selected Answer: AC

ANSWER IS A,C

D is not part of the member config.

upvoted 1 times

  **FortiSherlock** 1 year, 12 months ago

... but priority is not part of an SDWAN rule. Priority is used when a static route is created towards the virtual-wan-link - the member interface then uses the priority as the priority for its static route.

upvoted 1 times

🗨️ 👤 **A_sec_** 2 years, 6 months ago

I would say that cost isn't correct, because is used in the following strategies: Lowest Cost and Maximize Bandwidth, but here is source-ip. I think is C & D

upvoted 1 times

🗨️ 👤 **A_sec_** 2 years, 6 months ago

ouch, i didnt read well. A & C are correct

upvoted 1 times

🗨️ 👤 **aidnet** 2 years, 6 months ago

Selected Answer: AC

is correct

upvoted 1 times

🗨️ 👤 **BoardPanda** 2 years, 7 months ago

A and C

upvoted 4 times

🗨️ 👤 **eww_cybr** 2 years, 7 months ago

page 30, study guide

A,C

upvoted 4 times

🗨️ 👤 **evdw** 2 years, 7 months ago

Correction A,C

D is not part of the member config :)

upvoted 4 times

🗨️ 👤 **evdw** 2 years, 7 months ago

Agree correct answer is C,D

upvoted 1 times

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.

Suggested Answer: AB

Community vote distribution

AB (100%)

🗳️ 👤 **Bob_Oso** 2 years, 5 months ago

Selected Answer: AB

AB refer to SD-WAN_6.4_Study_Guide page 134

upvoted 1 times

🗳️ 👤 **josemlito** 2 years, 6 months ago

A, B are correct.

upvoted 2 times

🗳️ 👤 **Ernestokoro** 2 years, 6 months ago

Ans is AB

upvoted 1 times

🗳️ 👤 **evdw** 2 years, 7 months ago

Agree correct answer is A,B

upvoted 3 times

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.

Suggested Answer: AC

Community vote distribution

AC (100%)

evdw **Highly Voted** 2 years, 7 months ago

Agree correct answer is A,C

upvoted 6 times

Bob_Oso **Most Recent** 2 years, 5 months ago

Selected Answer: AC

AC refer to SD-WAN_6.4_Study_Guide page 89

upvoted 1 times

josemlito 2 years, 6 months ago

"default" SD-WAN minimum configuration

I thing that C and D are correct. A. policy ROUTE no policy rule...

upvoted 2 times

Ernestokoro 2 years, 6 months ago

Correct ans is AC

upvoted 2 times

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 FortiGate 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.

Suggested Answer: A

Community vote distribution

D (67%)

A (33%)

☐ **jarz** 1 year, 8 months ago

Selected Answer: D

The packets are not denied, they are dropped. Answer D
upvoted 2 times

☐ **chgoon** 2 years, 3 months ago

In a per-IP shaper configuration, if an IP address exceeds the configured concurrent session limit, the message " Denied by quota check" appears.
upvoted 1 times

☐ **secdaddy** 2 years, 5 months ago

Supporting A

<https://community.fortinet.com/t5/FortiGate/Technical-Tip-How-to-configure-and-monitor-Per-IP-Shaper/ta-p/211405>

upvoted 1 times

☐ **Bob_Oso** 2 years, 5 months ago

Selected Answer: A

A refer to SD-WAN_6.4_Study_Guide page 137
upvoted 1 times

☐ **Ernestokoro** 2 years, 6 months ago

Correct ans is A

upvoted 1 times

☐ **eww_cybr** 2 years, 7 months ago

A,

SD-WAN 6.4.5 Study Guide. pg 137

upvoted 3 times

☐ **evdw** 2 years, 7 months ago

Agree correct answer is A

upvoted 3 times

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.

Suggested Answer: BD

Community vote distribution

AC (100%)

  **cdfaulk** 1 year, 9 months ago

Less reading, more doing. Been building ADVPN's and dialup VPN's for 3 years now, C is WRONG. aggressive mode is a PCI failure and is NOT required, and I've never used it, ever. Setting a unique peer ID will work, I haven't done it but a peer of mine did, but for SURE setting a different DH group and different proposals DOES WORK, so the question is badly written. So I think this is a case where examtopics had it correct, D & B.

upvoted 1 times

  **Donkey2022** 2 years, 3 months ago

Selected Answer: AC

AC refer to SD-WAN_6.4_Study_Guide page 182

upvoted 3 times

  **Bob_Oso** 2 years, 5 months ago

Selected Answer: AC

AC refer to SD-WAN_6.4_Study_Guide page 182

upvoted 1 times

  **josemlito** 2 years, 6 months ago

Selected Answer: AC



Answer A and C

upvoted 1 times

  **Ernestokoro** 2 years, 6 months ago

correct ans is AC

upvoted 2 times

  **BoardPanda** 2 years, 7 months ago

A and C



upvoted 3 times

  **eww_cybr** 2 years, 7 months ago

A,C



SD-WAN 6.4.5 Study Guide. pg 182

upvoted 3 times

  **xijiansh** 2 years, 7 months ago

Agreed , page 182

upvoted 2 times

  **evdw** 2 years, 7 months ago

I think correct answer is A,C

upvoted 3 times

Refer to exhibits.

Exhibit A

Exhibit B

Edit Policy

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

Firewall / Network Options

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

Exhibit A
Exhibit B

Edit Traffic Shaping Policy

Name

Status

Enabled
Disabled

Comments
0/255

If Traffic Matches:

Source

all
+
X

Destination

all
+
X

Schedule
☐

Service

ALL
+
X

Application

+

URL Category

+

Then:

Action

Apply Shaper
Assign Shaping Class ID

Outgoing interface

SD-WAN
+
X

Shared shaper
☒

guarantee-10mbps

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 guaranteed-10mbps option must be selected as the per-IP shaper option.
- 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 reverse shaper option must be enabled and a traffic shaper must be selected.

Suggested Answer: B

Community vote distribution

D (100%)

mai340 2 years, 1 month ago

D is correct

upvoted 1 times

Bob_Oso 2 years, 5 months ago

Selected Answer: D

D refer to SD-WAN_6.4_Study_Guide page 120

upvoted 1 times

🗨️ 👤 **josemlito** 2 years, 6 months ago

Selected Answer: D

corret answer is D

upvoted 1 times

🗨️ 👤 **aidnet** 2 years, 6 months ago

D IS CORRECT

upvoted 1 times

🗨️ 👤 **Ernestokoro** 2 years, 6 months ago

So the correct ans is D enable the reverse shaper option for the traffic to return

upvoted 1 times

🗨️ 👤 **Ernestokoro** 2 years, 6 months ago

Guys the guaranteed shaper is already selected for 10 Mb and the question is specific about the return traffic which in this case is to enable the reverse shaper option.

upvoted 1 times

🗨️ 👤 **haphap** 2 years, 7 months ago

B are correct pag 120

upvoted 2 times

🗨️ 👤 **evdw** 2 years, 7 months ago

B sounds like you are replacing the existing shaper ... then D sounds more like you adding an additional shaper ... therfore I go for D

upvoted 2 times

🗨️ 👤 **evdw** 2 years, 7 months ago

Agree correct answer is B

upvoted 1 times

Refer to the exhibit.

Name	Role	Default VPN Interface	Protected Subnet
NFGW-1[root]	Hub	port1	SSLVPN_TUNNEL_ADDR1
Spoke-1	Spoke	port1	FABRIC_DEVICE
Spoke-2	Spoke	port1	FIREWALL_AUTH_PORTAL_ADDRESS

What must you configure to enable ADVPN?

- A. ADVPN should only be enabled on unmanaged FortiGate devices.
- B. Each VPN device has a unique pre-shared key configured separately on phase one.
- C. The protected subnets should be set to address object to all (0.0.0.0/0).
- D. On the hub VPN, only the device needs additional phase one settings.

Suggested Answer: B

Community vote distribution

C (100%)

Bob_Oso 2 years, 5 months ago

Selected Answer: C

C refer to SD-WAN_6.4_Study_Guide page 214

upvoted 3 times

Kevin4work 2 years, 6 months ago

Selected Answer: C

C is correct

upvoted 1 times

A_sec_ 2 years, 6 months ago

C is correct: Study guide 6.4, theme 7, page 206: If you are configuring ADVPN on FMG using VPN manager: Set the protected networks to all.....

upvoted 1 times

aidnet 2 years, 6 months ago

C IS CORRECT

upvoted 2 times

Ernestokoro 2 years, 6 months ago

C sounds more like it. Not sure

upvoted 1 times

BoardPanda 2 years, 7 months ago

C is correct

upvoted 2 times

eww_cybr 2 years, 7 months ago

C



SD-WAN 6.4.5 Study Guide. pg 210

upvoted 3 times

xijiansh 2 years, 7 months ago

agreed, page 182

upvoted 2 times

  **evdw** 2 years, 7 months ago

Agree correct answer is C

upvoted 4 times

Which two statements describe how IPsec phase 1 main mode is different from aggressive 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.

Suggested Answer: BC

Community vote distribution

AC (78%)

BC (22%)

🗳️ **jack987** 1 year, 7 months ago

Selected Answer: AC

Refer to this article: <https://community.fortinet.com/t5/FortiGate/Technical-Tip-Differences-between-Aggressive-and-Main-mode-in/ta-p/196313>
upvoted 1 times

🗳️ **Andres21216** 1 year, 11 months ago

I believe it is B and C by process of elimination. Since A is a characteristic of aggressive mode and that is not the question, and D is not mentioned in the curriculum. C is definitely a valid difference, but B is the only one left, even though it is a configurable feature in both modes.
upvoted 1 times

🗳️ **neoraven** 2 years, 5 months ago

Selected Answer: AC

A and C
upvoted 2 times

🗳️ **neoraven** 2 years, 5 months ago

A and C are correct

Peer ID is included in the initiating packet - Aggressive Mode // in Main mode is included in the packet 5.

Main mode 6 packets // Aggressive mode only three

what b says is correct but it is not a difference between the two modes, you can enable Xauth in both modes, is a phase 1.5.

Page 177-178

upvoted 3 times

🗳️ **Bob_Oso** 2 years, 5 months ago

Selected Answer: AC

AC refer to SD-WAN_6.4_Study_Guide page 177-178
upvoted 2 times

🗳️ **aidnet** 2 years, 6 months ago

Selected Answer: AC

CORRECT
upvoted 1 times

🗳️ **josemblito** 2 years, 6 months ago

Selected Answer: AC

XAuth happens after phase 1 is UP. pag 179
A: Peer ID and C: 6 packets are correct.
upvoted 1 times

🗳️ **Ernestokoro** 2 years, 6 months ago

But peer ID is included on both Main and Aggressive mode.

MM= Peer ID + Main Mode + Certificate Signature

AM= Peer ID+ Aggressive Mode + PSK

This infor is from SDWAN Slide on fortinet site. So correct ans is BC



upvoted 1 times

  **joseblito** 2 years, 6 months ago

XAuth happens after phase 1 is UP.. pag 179



A: Peer ID and C: 6 packets are correct.

upvoted 1 times

  **haphap** 2 years, 7 months ago

the correct answer is A C. XAuth is enabled is known as phase 1.5

upvoted 1 times

  **Max_71** 2 years, 7 months ago

Selected Answer: BC

This peer ID

This option is available when Aggressive Mode is enabled. Enter the identifier that is used to authenticate the remote peer. This identifier must match the Local ID that the remote peer's administrator has configured.

upvoted 2 times

  **BoardPanda** 2 years, 7 months ago

B and C is correct. AGRESSIVE mode sends a peer ID in the first packet.



upvoted 4 times

  **eww_cybr** 2 years, 7 months ago

A,C

SD-WAN 6.4.5 Study Guide. pg 177-178

upvoted 4 times

  **evdw** 2 years, 7 months ago

I think that correct answer is A,C

upvoted 3 times

What are two benefits of 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.

Suggested Answer: AD

Community vote distribution


AE (100%)

  **neoraven** 2 years, 5 months ago

Selected Answer: AE

A and E are correct

upvoted 2 times

  **Bob_Oso** 2 years, 5 months ago

Selected Answer: AE


AE refer to SD-WAN_6.4_Study_Guide page 142

upvoted 1 times

  **ama6** 2 years, 5 months ago

A,E are the correct

upvoted 1 times

  **BillyG** 2 years, 6 months ago

Selected Answer: AE

I believe it's A and E

upvoted 1 times

  **theroght** 2 years, 6 months ago

D,E 142 pag . 6.4.5_Study_Guide

A is not a precise response

upvoted 1 times

  **aidnet** 2 years, 6 months ago

Selected Answer: AE

correct

upvoted 1 times

  **Ernestokoro** 2 years, 6 months ago

Correct ans is AD

upvoted 1 times

  **evdw** 2 years, 7 months ago

Correct answer is A, E

according to the SD-WAN_6.4.5 page 142.

upvoted 2 times

  **evdw** 2 years, 7 months ago

Agree correct answer is A,D

upvoted 1 times

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. Shared policy shaping mode
- C. Interface-based shaping mode
- D. Reverse policy shaping mode

Suggested Answer: B

Community vote distribution

C (100%)

🗳️ 👤 **Andres21216** 1 year, 11 months ago
C is the correct answer. Study Guide 7.0 pag. 264
upvoted 1 times

🗳️ 👤 **CrisNarv** 2 years, 1 month ago
Selected Answer: C
C is the right
upvoted 2 times

🗳️ 👤 **CrisNarv** 2 years, 1 month ago
C is correct
upvoted 1 times

🗳️ 👤 **neoraven** 2 years, 5 months ago
Selected Answer: C
C correct
upvoted 2 times

🗳️ 👤 **Bob_Oso** 2 years, 5 months ago
Selected Answer: C
C refer to SD-WAN_6.4_Study_Guide page 114
upvoted 2 times

🗳️ 👤 **theroghert** 2 years, 6 months ago
Selected Answer: C
C is the correct
upvoted 1 times

🗳️ 👤 **aidnet** 2 years, 6 months ago
Selected Answer: C
correct
upvoted 2 times



🗳️ 👤 **Ernestokoro** 2 years, 6 months ago
Correct ans is C
upvoted 1 times

🗳️ 👤 **BoardPanda** 2 years, 7 months ago
C is correct
upvoted 2 times

🗳️ 👤 **eww_cybr** 2 years, 7 months ago
C
SD-WAN 6.4.5 Study Guide. pg 124
upvoted 3 times

🗳️ 👤 **xijiansh** 2 years, 7 months ago
you are righth , page 114

upvoted 1 times

  **evdw** 2 years, 7 months ago

I think correct answer is C

upvoted 3 times

Refer to exhibits.


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 	<input checked="" type="checkbox"/>

Exhibit A	Exhibit B
<pre>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</pre>	

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

Suggested Answer: C

Community vote distribution

C (100%)

 **ama6** 2 years, 5 months ago


is the anw not B

upvoted 1 times

 **ama6** 2 years, 5 months ago

Sorry C 100%

upvoted 1 times

 **mhizha** 1 year, 10 months ago

It has to wait 3 X 500ms = 1500ms

upvoted 1 times

 **Bob_Oso** 2 years, 5 months ago

Selected Answer: C

C refer to SD-WAN_6.4_Study_Guide page 57

upvoted 1 times



 **therogherth** 2 years, 6 months ago

Selected Answer: C

C is the correct
upvoted 1 times

  **Ernestokoro** 2 years, 6 months ago

Correct answer is C
upvoted 1 times

  **evdw** 2 years, 7 months ago

Agree correct answer is C
upvoted 3 times

What is the Inkmtd process responsible for?

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

Suggested Answer: C

Community vote distribution

B (50%)

D (50%)

🗳️ **jarz** 1 year, 8 months ago

Selected Answer: B

Used bandwidth is measured by the link monitoring process Inkmtd. You can view measured bandwidth by running the diagnose sys link-monitor interface command.

Answer B

upvoted 1 times

🗳️ **K3nshu** 2 years ago

Selected Answer: D

D

SD-WAN 6.4.5 Study Guide. pg 105

upvoted 1 times

🗳️ **CrisNarv** 2 years, 1 month ago

Selected Answer: B

On SDWAN 7.0 the correct answer is B

upvoted 4 times

🗳️ **Angel123** 2 years, 5 months ago

The correct answer is B. - The used bandwidth is measured by the link monitor process (Inkmtd).

NSE7_SD-WAN/SD-WAN_7.0_Study_Guide p. 184

upvoted 3 times

🗳️ **neoraven** 2 years, 5 months ago

Selected Answer: D

D is correct

upvoted 1 times

🗳️ **Bob_Oso** 2 years, 5 months ago

Selected Answer: D

D refer to SD-WAN_6.4_Study_Guide page 105

upvoted 2 times

🗳️ **aidnet** 2 years, 6 months ago

Selected Answer: D

Correct

upvoted 1 times

🗳️ **Ernestokoro** 2 years, 7 months ago

ans is D

upvoted 1 times

🗳️ **BoardPanda** 2 years, 7 months ago

D is correct.

upvoted 2 times

🗨️ 👤 **eww_cybr** 2 years, 7 months ago

D

SD-WAN 6.4.5 Study Guide. pg 105

upvoted 2 times

🗨️ 👤 **evdw** 2 years, 7 months ago

Correction ... Answer is D

course notes : "lnkmttd is the process responsible for processing performance SLA probes" page 105

upvoted 4 times

🗨️ 👤 **evdw** 2 years, 7 months ago

I think correct answer is B

The used bandwidth is measured by the link monitor process (lnkmttd), and you can view the measured values by running the "diagnose sys link-monitor interface" command

upvoted 2 times

Which statement reflects how BGP tags work with SD-WAN rules?

- A. VPN topologies are formed using only BGP dynamic routing with SD-WAN.
- B. Route tags are used for a BGP community and the SD-WAN rules are assigned the same tag.
- C. BGP tags require that the adding of static routes be enabled on all ADVPN interfaces.
- D. BGP tags match the SD-WAN rule based on the order that these rules were installed.



Suggested Answer: A

Community vote distribution



B (100%)

  **evdw** Highly Voted 2 years, 7 months ago

I think the correct answer is B
upvoted 8 times

  **eww_cybr** Highly Voted 2 years, 7 months ago

B
SD-WAN 6.4.5 Study Guide. pg 226
upvoted 5 times

  **danytoss2** Most Recent 1 year, 9 months ago

B are correct
upvoted 1 times

  **Andres21216** 1 year, 11 months ago


Selected Answer: B
simple discard
upvoted 1 times

  **neoraven** 2 years, 5 months ago

Selected Answer: B
b correct
upvoted 1 times

  **Bob_Oso** 2 years, 5 months ago

Selected Answer: B
B refer to SD-WAN_6.4_Study_Guide page 226
upvoted 1 times

  **aidnet** 2 years, 6 months ago

Selected Answer: B
Correct
upvoted 1 times

  **Ernestokoro** 2 years, 6 months ago

Ans is B
upvoted 2 times

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.

Suggested Answer: C

Reference:

<https://www.fortinetguru.com/2019/09/using-bgp-tags-with-sd-wan-rules-fortios-6-2/#:~:text=SD%2DWAN%20rules%20can%20use,to%20the%20customer's%20data%20center>

Community vote distribution

C (100%)

🗲️ 👤 **Bob_Oso** 2 years, 5 months ago

Selected Answer: C

refer to SD-WAN_6.4_Study_Guide page 226

upvoted 1 times

🗲️ 👤 **theroghert** 2 years, 6 months ago

Selected Answer: C

page 226 Study Guide

upvoted 1 times

🗲️ 👤 **aidnet** 2 years, 6 months ago

Selected Answer: C

correct

upvoted 1 times

🗲️ 👤 **Ernestokoro** 2 years, 6 months ago

Correct ans is C

upvoted 1 times

🗲️ 👤 **evdw** 2 years, 7 months ago

Agree correct answer is C

upvoted 3 times

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? (Choose two.)

- 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.

Suggested Answer: AC

Community vote distribution

AC (80%)

BC (20%)

🗳️ 👤 **Bob_Oso** 2 years, 5 months ago

Selected Answer: AC

AC to SD-WAN_6.4_Study_Guide page 55

upvoted 3 times

🗳️ 👤 **theroghert** 2 years, 6 months ago

Selected Answer: AC

B is not correct, because you must choose the interface manually, is not a suitable options if you configure a IP SLA, so the correct answer is A C

upvoted 1 times

🗳️ 👤 **aidnet** 2 years, 6 months ago

Selected Answer: BC

Correct

upvoted 1 times

🗳️ 👤 **mhizha** 1 year, 10 months ago

A & C

Performance SLA can do the interface selection for you without the need for human intervention. B cant be correct.

upvoted 1 times

🗳️ 👤 **evdw** 2 years, 7 months ago

Agree correct answer is A,C

upvoted 2 times

Refer to exhibits.

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 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 			
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 SD-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. Port2 might become alive when a single response is received from an SLA server.
- B. Dead members require manual administrator access to bring them back alive.
- C. Subnets 100.64.1.0/24 and 172.20.0.0/16 are reachable only through port1.
- D. SD-WAN interface becomes disabled and port1 becomes the WAN interface.

Suggested Answer: C

Community vote distribution

C (100%)

aidnet 2 years, 6 months ago

Selected Answer: C



correct

upvoted 3 times

josemblito 2 years, 6 months ago



correct ans is C

upvoted 1 times

  **Ernestokoro** 2 years, 6 months ago

correct ans is C

upvoted 2 times

  **evdw** 2 years, 7 months ago

Agree correct answer is C

upvoted 4 times

What are two roles that SD-WAN orchestrator plays when it works with FortiManager? (Choose two.)

- A. It configures and monitors SD-WAN networks on FortiGate devices that are managed by FortiManager.
- B. It acts as a standalone device to assist FortiManager to manage SD-WAN interfaces on the managed FortiGate devices.
- C. It acts as a hub FortiGate with an SD-WAN interface enabled and managed along with other FortiGate devices by FortiManager.
- D. It acts as an application that is released and signed by Fortinet to run as a part of management extensions on FortiManager.

Suggested Answer: BD

Community vote distribution

AD (100%)

🗳️ 👤 **kakecg** Highly Voted 2 years, 6 months ago

SD-Wan Orchestrator is EOL. It doesn't appear in NSE7 Study Guide 6.4.5 nor 7.x .
upvoted 6 times

🗳️ 👤 **jarz** 1 year, 8 months ago
yeah seems legit EOL

https://www.reddit.com/r/fortinet/comments/vjhpbi/sdwan_orchestrator_eol_wtf/?rdt=65247
upvoted 1 times

🗳️ 👤 **Bob_Oso** Most Recent 2 years, 5 months ago

Selected Answer: AD

AD refer to:

<https://docs2.fortinet.com/document/fortimanager/6.4.0/sd-wan-orchestrator-6-4-0-administration-guide/91581/introduction>
upvoted 2 times

🗳️ 👤 **aidnet** 2 years, 6 months ago

Selected Answer: AD

Correct

upvoted 1 times

🗳️ 👤 **josemblito** 2 years, 6 months ago

A,D is correct

upvoted 1 times

🗳️ 👤 **Ernestokoro** 2 years, 6 months ago

Correct ans AD

upvoted 1 times

🗳️ 👤 **eww_cybr** 2 years, 7 months ago

A,D is correct

upvoted 4 times

🗳️ 👤 **evdw** 2 years, 7 months ago

I think the correct answer is A,D

<https://docs2.fortinet.com/document/fortimanager/6.4.0/sd-wan-orchestrator-6-4-0-administration-guide/91581/introduction>
upvoted 4 times

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

Suggested Answer: A

Reference:

<https://docs.fortinet.com/document/fortigate/6.2.9/cookbook/672387/using-bgp-tags-with-sd-wan-rules>

Community vote distribution

D (100%)

 **CrisNarv** 2 years, 1 month ago

Selected Answer: D

D is correct

upvoted 2 times

 **Bob_Oso** 2 years, 5 months ago

Selected Answer: D

D refer to SD-WAN_6.4_Study_Guide page 226

upvoted 2 times

 **aidnet** 2 years, 6 months ago

Selected Answer: D


correct

upvoted 2 times

 **mp824** 2 years, 5 months ago

do you passed the exam?

upvoted 1 times

 **Ernestokoro** 2 years, 6 months ago

Ans is D

upvoted 1 times

 **BoardPanda** 2 years, 7 months ago

D is correct. The reference in the question shows this too.

upvoted 2 times

 **evdw** 2 years, 7 months ago

I think the correct answer is D

upvoted 3 times