[Q12-Q27 Certification Training for NSE7_SDW-6.4 Exam Dumps Test Engine [2022

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Aug 30, 2022 Step by Step Guide to Prepare for NSE7_SDW-6.4 Exam

Fortinet NSE7_SDW-6.4 Exam Syllabus Topics:

TopicDetailsTopic 1- Troubleshoot central management problems- Troubleshoot SD-WANTopic 2- Configure SD-WAN rules- Troubleshoot VPN and ADVPNTopic 3- Implement a full or partially meshed redundant VPN infrastructure- SD-WAN configurationTopic 4- Central management- Configure SD-WAN SLAs

Q12. Which statement defines how a per-IP traffic shaper of 10 Mbps is applied to the entire network?

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

Explanation/Reference:

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

Q13. Refer to the exhibit.

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.)

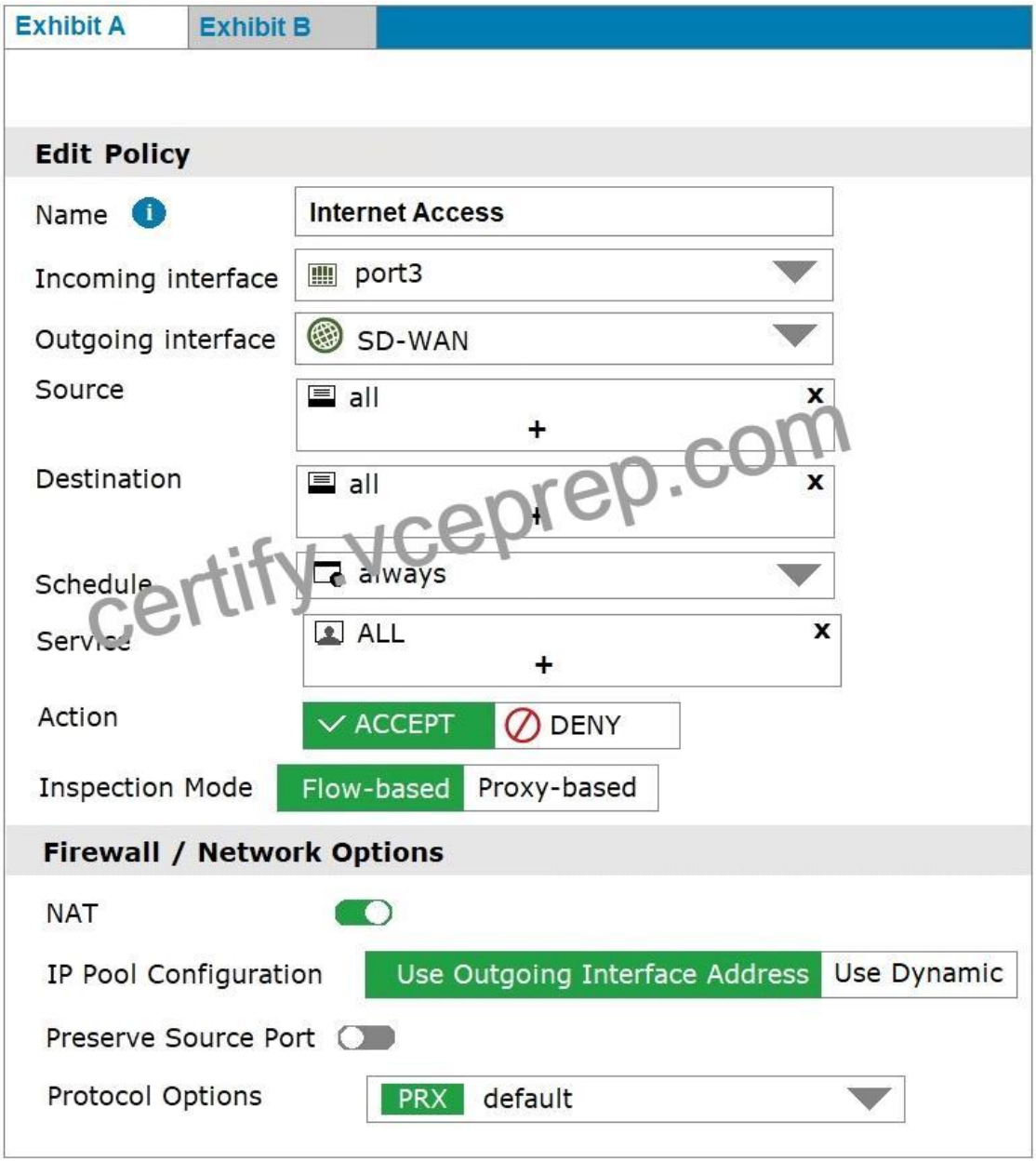
* Set priority 10.
* Set cost 15.
* Set load-balance-mode source-ip-ip-based.
* Set source 100.64.1.1.

Q14. What are two benefits of using FortiManager to organize and manage the network for a group of FortiGate devices? (Choose two)

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

Q15. Refer to exhibits.

Exhibit A | Exhibit B



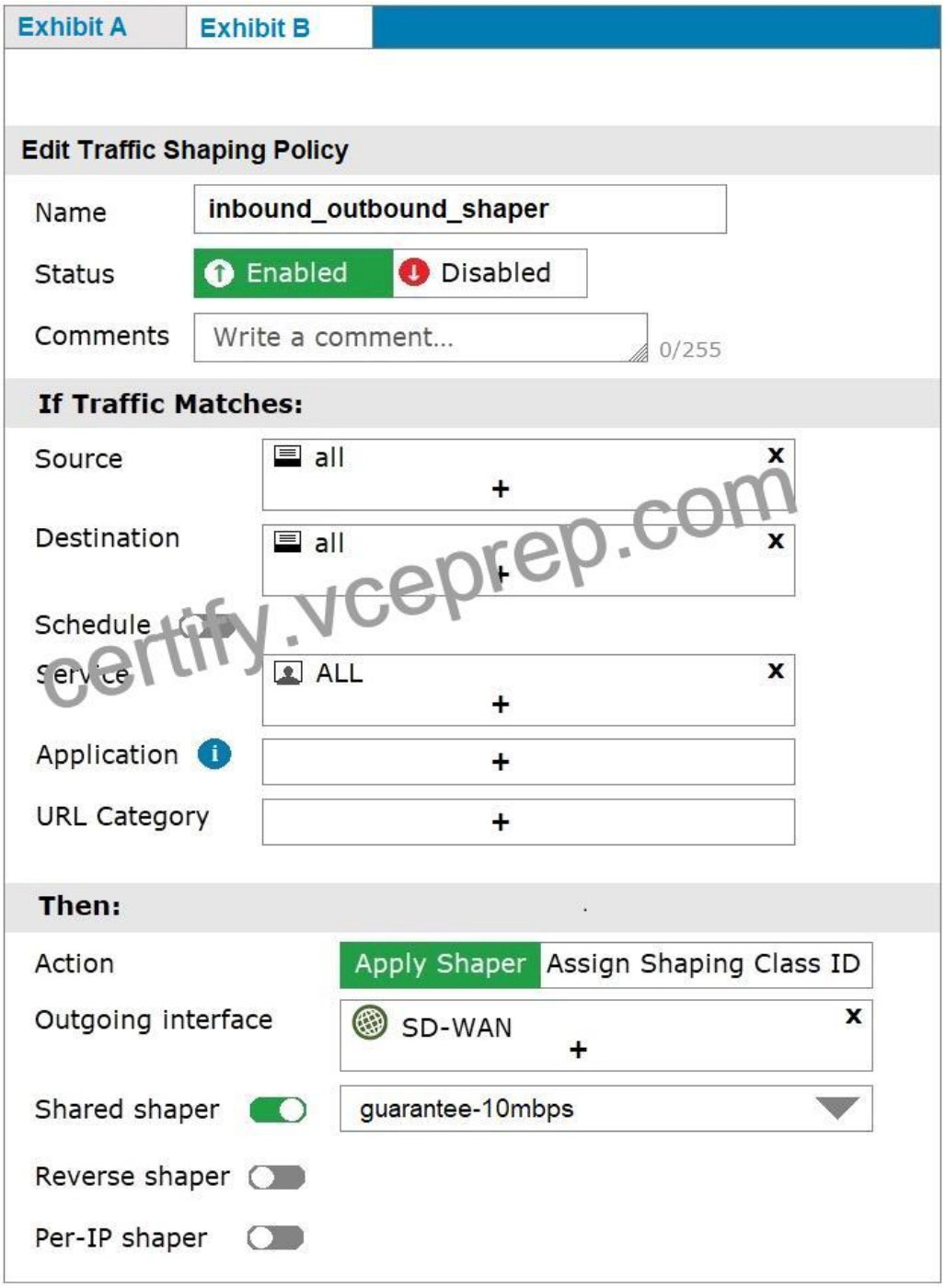


Exhibit A shows the firewall policy and exhibit B shows the traffic shaping policy.

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?

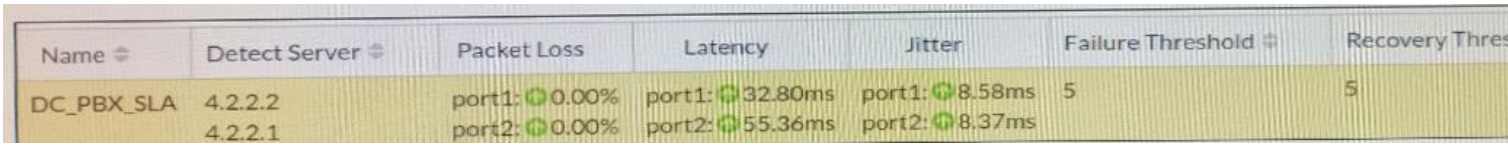
* The reverse shaper option must be enabled and a traffic shaper must be selected
* The guaranteed-10mbps option must be selected as the reverse shaper option.

* A new firewall policy must be created and SD-WAN must be selected as the incoming interface.
* The guaranteed-10mbps option must be selected as the per-IP shaper option

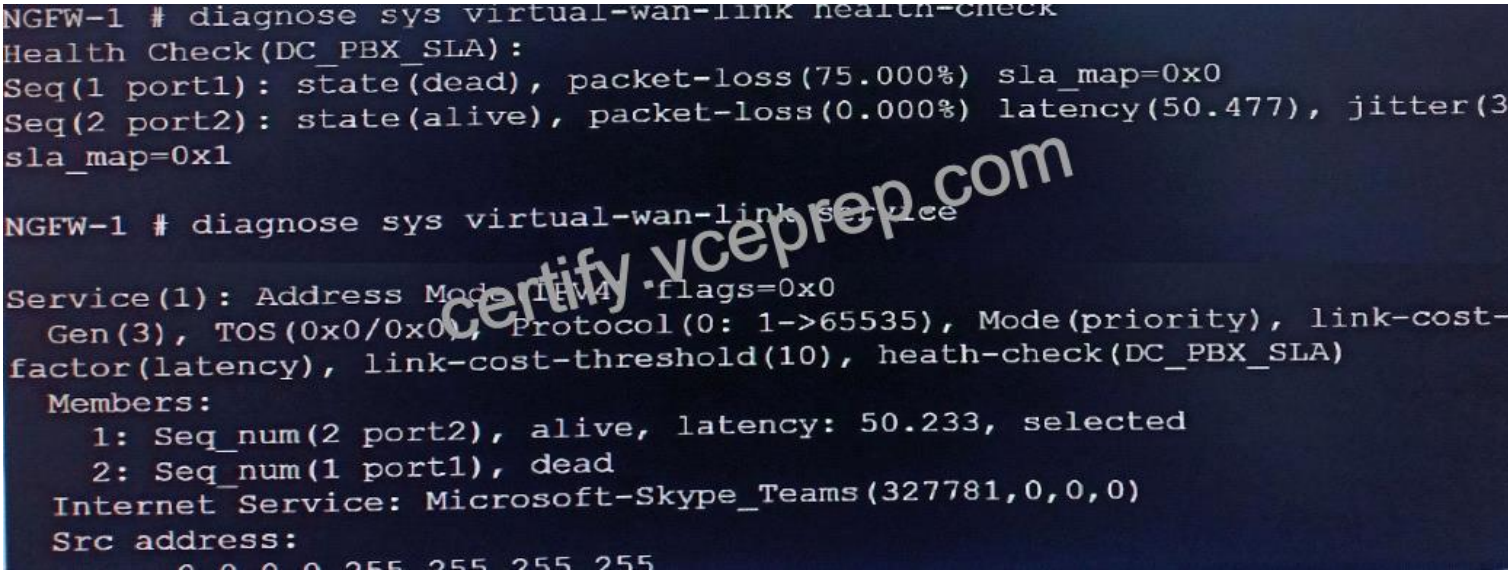
Q16. Which statement is correct about the SD-WAN and ADVPN?
* ADVPN interface can be a member of SD-WAN interface.
* Dynamic VPN is not supported as an SD-Wan interface.
* Spoke support dynamic VPN as a static interface.
* Hub FortiGate is limited to use ADVPN as SD-WAN member interface.

Q17. Refer to exhibits.

Exhibit A.



Name	Detect Server	Packet Loss	Latency	Jitter	Failure Threshold	Recovery Thres
DC_PBX_SLA	4.2.2.2 4.2.2.1	port1: 0.00% port2: 0.00%	port1: 32.80ms port2: 55.36ms	port1: 8.58ms port2: 8.37ms	5	5



```
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
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:
```


Exhibit A shows the performance SLA exhibit B shows the SD-WAN diagnostics output Based on the exhibits, which statement is correct?
* Both SD-WAN member interfaces have used separate SLA targets.
* The SLA state of port1 is dead after five unanswered requests by the SLA servers.
* Port1 became dead 1ecause no traffic was offload through the egress of port1.
* SD-WAN member interfaces are affected by the SLA state of the inactive interface

Q18. Which statement about using BGP routes in SD-WAN is true?
* Adding static routes must be enabled on all ADVPN interfaces.
* VPN topologies must be form using only BGP dynamic routing with SD-WAN
* Learned routes can be used as dynamic destinations in SD-WAN rules
* Dynamic routing protocols can be used only with non-encrypted traffic

Q19. 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)
* The debug output shows per-IP shaper values and real-time readings.
* This traffic shaper drops traffic that exceeds the set limits.
* Traffic being controlled by the traffic shaper is under 1 Kbps.
* FortiGate provides statistics and reading based on historical traffic logs.

Q20. What are two roles that SD-WAN orchestrator plays when it works with FortiManager? (Choose two.)
* It configures and monitors SD-WAN networks on FortiGate devices that are managed by FortiManager.
* It acts as a standalone device to assist FortiManager to manage SD-WAN interfaces on the managed FortiGate devices.
* It acts as a hub FortiGate with an SD-WAN interface enabled and managed along with other FortiGate devices by FortiManager.
* It acts as an application that is released and signed by Fortinet to run as a part of management extensions on FortiManager.

Explanation/Reference:

Q21. 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?
* It enables the SD-WAN rule to load balance and assign traffic with a route tag
* It tags each route and references the tag in the routing table.
* It uses route tags for a BGP community and assigns the SD-WAN rules with same tag.
* It ensures route tags match the SD-WAN rule based on the rule order

Q22. Refer to exhibits.

Exhibit A.

Exhibit B.

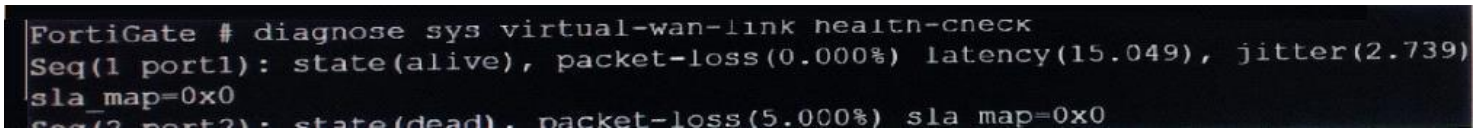


Exhibit A, which shows the SD-WAN performance SLA and exhibit B shows the health of the participating SD-WAN members.

Based on the exhibits, which statement is correct?
* The dead member interface stays unavailable until an administrator manually brings the interface back.
* The SLA state of port2 has exceeded three consecutive unanswered requests from the SLA server.
* Port2 needs to wait 500 milliseconds to change the status from alive to dead.
* Check interval is the time to wait before a packet sent by a member interface considered as lost.

Q23. Which diagnostic command you can use to show interface-specific SLA logs for the last 10 minutes?
* diagnose sys virtual-wan-link health-check
* diagnose sys virtual-wan-link log
* diagnose sys virtual-wan-link sla-log
* diagnose sys virtual-wan-link intf-sla-log

Q24. Which components make up the secure SD-WAN solution?
* Application, antivirus, and URL, and SSL inspection
* Datacenter, branch offices, and public cloud
* FortiGate, FortiManager, FortiAnalyzer, and FortiDeploy
* Telephone, ISDN, and telecom network.

Q25. Which diagnostic command can you use to show the SD-WAN rules interface information and state?
* diagnose sys virtual-wan-link neighbor.
* diagnose sys virtual-wan-link route-tag-list
* diagnose sys virtual-wan-link member.
* diagnose sys virtual-wan-link service

Q26. 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

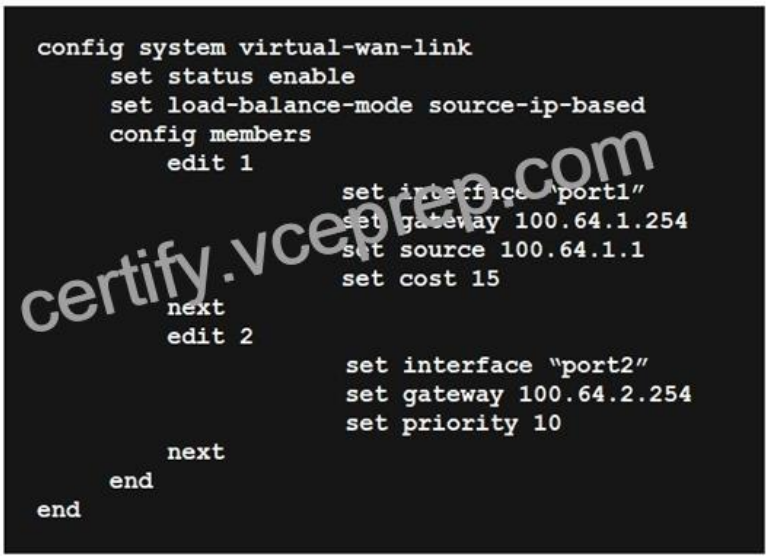
Add Filter

Date/Time	Source	Destination	Application Name	Result
2020/10/15 11:12:27	10.0.1.10	151.101.250.109 (i.vimeocdn.com)	Vimeo	UTM Allowed
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
2020/10/15 11:12:20	10.0.1.10	172.217.13.227 (ocsp.pki.goog)	OCSP	1.28 kB / 1.49 kB
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
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
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

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

Q27. Refer to the exhibit.



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

* set cost 15.
* set source 100.64.1.1.
* set priority 10.
* set load-balance-mode source-ip-based.

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https://www.vceprep.com/NSE7_SDW-6.4-latest-vce-prep.html]