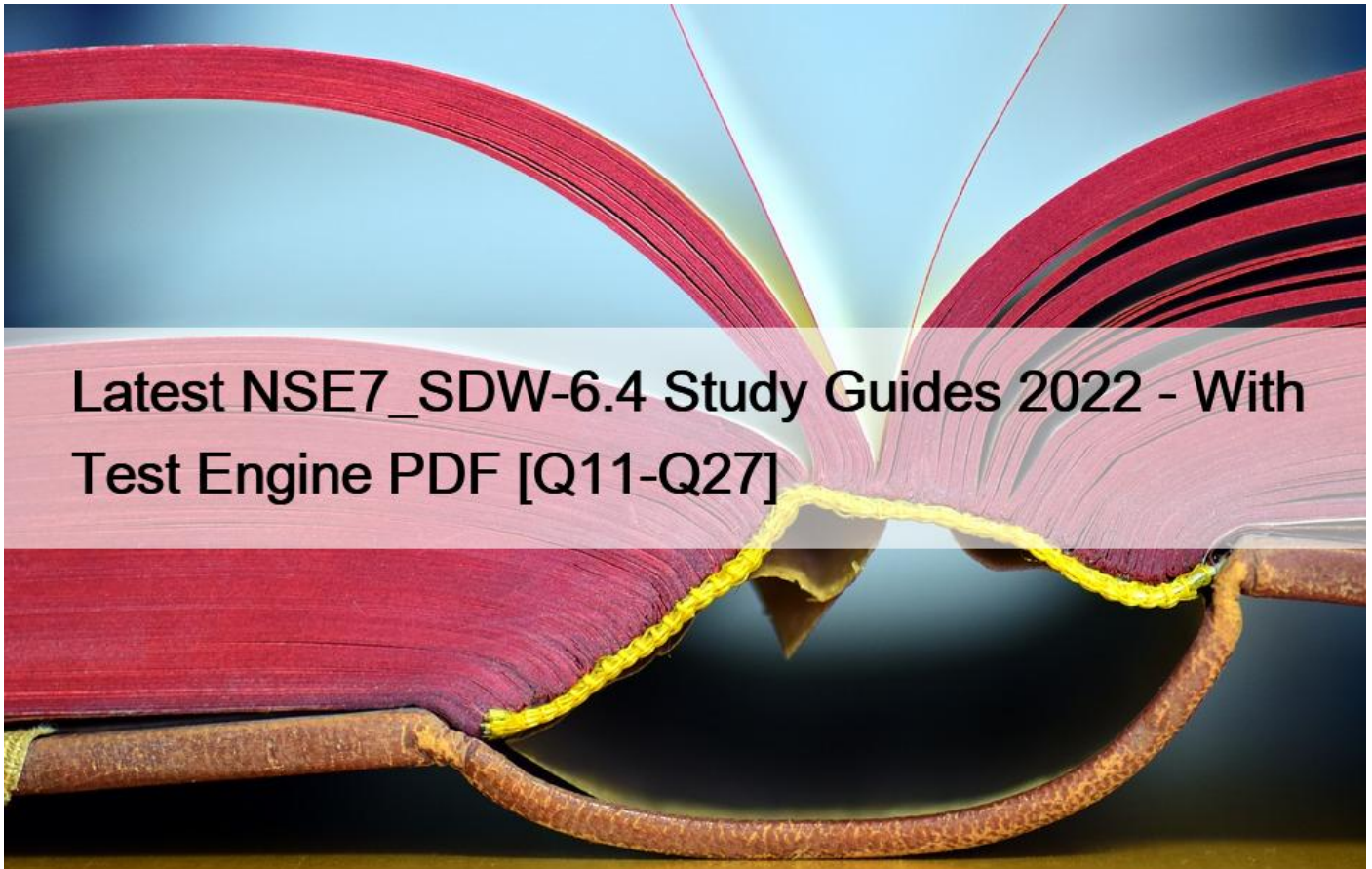


## Latest NSE7\_SDW-6.4 Study Guides 2022 - With Test Engine PDF [Q11-Q27]



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### NEW QUESTION 11

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:

### NEW QUESTION 12

Refer to exhibits.

Exhibit A.

Name	Source	Destination	Criteria	Members
CMP	all	Google-ICMP	Latency	port1 port2
	all	Vimeo		port2
ss_Rules	all	all		port1
	all	all	Source-Destination IP	any

Exhibit B.

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)	OCSF	1.28 kB / 1.49 kB
2020/10/15 11:12:07	10.0.1.10	23.47.205.151 (detectportal.firefox.com)	HTTPBROWSER_Firefox	1.44 kB / 1.55 kB
2020/10/15 11:12:07	10.0.1.10	23.47.205.151 (detectportal.firefox.com)	HTTPBROWSER_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.)

- \* 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 implicit rule overrides all other rules because parameters widely cover sources and destinations.
- \* The initial session of an application goes through a learning phase in order to apply the correct rule

**NEW QUESTION 13**

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.

**NEW QUESTION 14**

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.

### NEW QUESTION 15

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

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

### NEW QUESTION 16

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>

### NEW QUESTION 17

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.)

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

### NEW QUESTION 18

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 1213  
ack 1169005655, win 65535"  
id=20085 trace_id=5087 func=resolve_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 que  
check, drop"
```

Which statement about the trace evaluation by FortiGate is true?

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

### NEW QUESTION 19

What are two reasons why FortiGate would be unable to complete the zero-touch provisioning process? (Choose two.)

- \* The FortiGate cloud key has not been added to the FortiGate cloud portal.
- \* FortiDeploy has connected with FortiGate and provided the initial configuration to contact FortiManager
- \* The zero-touch provisioning process has completed internally, behind FortiGate.
- \* FortiGate has obtained a configuration from the platform template in FortiGate cloud.
- \* A factory reset performed on FortiGate.

### NEW QUESTION 20

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-lcg
- \* diagnose sys virtual-wan-link intf-sla-log

### NEW QUESTION 21

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

### NEW QUESTION 22

Refer to exhibits.

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

```

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=0x1
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): TD:(0x0/0x0), Protocol(0: 1->65535), Mode(priority), link-cost-factor(latency), link-cost-threshold(10), health-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?

- \* Port1 became dead because no traffic was offload through the egress of port1.
- \* SD-WAN member interfaces are affected by the SLA state of the inactive interface.
- \* 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.

**NEW QUESTION 23**

Refer to the exhibit.

```

config system virtual-wan-link
config service
  edit 1
    set tag "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

**NEW QUESTION 24**

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

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

**NEW QUESTION 25**

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.

**NEW QUESTION 26**

What is the Inkmtd process responsible for?

- \* Monitoring links for any bandwidth saturation
- \* Processing performance SLA probes
- \* Flushing route tags addresses
- \* Logging interface quality information

**NEW QUESTION 27**

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
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-event.i.vimeocdn.com)	Vimeo	✓ 2.00 kB / 4.33 kB
2020/10/15 11:12:20	10.0.1.10	172.217.13.22 (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

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