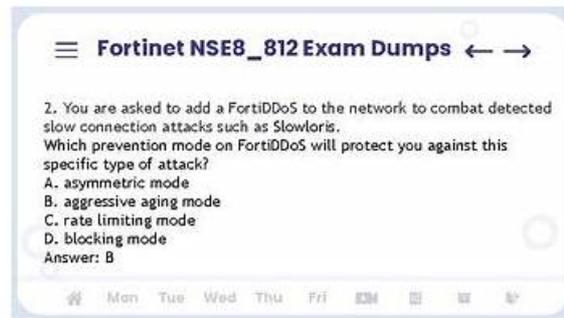


# Quiz Fortinet - NSE8\_812 - Fortinet NSE 8 - Written Exam (NSE8\_812)–High Pass-Rate Valid Test Objectives



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>> NSE8\_812 Valid Test Objectives <<

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## Fortinet NSE 8 - Written Exam (NSE8\_812) Sample Questions (Q22-Q27):

### NEW QUESTION # 22

What is the benefit of using FortiGate NAC LAN Segments?

- A. It provides physical isolation without changing the IP address of hosts.
- B. It provides support for multiple DHCP servers within the same VLAN.
- C. It provides support for IGMP snooping between hosts within the same VLAN
- **D. It allows for assignment of dynamic address objects matching NAC policy.**

**Answer: D**

Explanation:

FortiGate NAC LAN Segments are a feature that allows users to assign different VLANs to different LAN segments without

changing the IP address of hosts or bouncing the switch port. This provides physical isolation while maintaining firewall sessions and avoiding DHCP issues. One benefit of using FortiGate NAC LAN Segments is that it allows for assignment of dynamic address objects matching NAC policy. This means that users can create firewall policies based on dynamic address objects that match the NAC policy criteria, such as device type, OS type, MAC address, etc. This simplifies firewall policy management and enhances security by applying different security profiles to different types of devices. References: <https://docs.fortinet.com/document/fortigate/7.0.0/new-features/856212/nac-lan-segments-7-0-1>

**NEW QUESTION # 23**

Refer to the exhibits.

```

FGT-HA-1 # get system ha status
HA Health Status: OK
Model: FortiGate-VM64
Mode: HA A-P
Group: 0
Debug: 0
Cluster Uptime: 0 days 1:35:12
Cluster state change time: 2019-05-16 14:53:05
Master selected using:
<2019/05/16 14:53:05> FGVMEVLQOG33WM3D is selected as the
master because it has the largest value of uptime.
<2019/05/16 14:45:53> FGVMEVLQOG33WM3D is selected as the
master because it's the only member in the cluster.
ses_pickup: enable, ses_pickup_delay=disable
override: disable
unicast_hb: peerip=192.168.40.1, myip=192.168.40.2,
hasync_port='port3'
Configuration Status:
FGVMEVLQOG33WM3D (updated 2 seconds ago): in-sync
FGVMEVGCJNHFYI4A (updated 0 seconds ago): in-sync
  
```

The exhibits show a FortiGate network topology and the output of the status of high availability on the FortiGate. Given this information, which statement is correct?

- A. The cluster members are on the same network and the IP addresses were statically assigned.
- B. The cluster mode can support a maximum of four (4) FortiGate VMs
- C. The ethertype values of the HA packets are 0x8890, 0x8891, and 0x8892
- D. FGVMEVLQOG33WM3D and FGVMEVGCJNHFYI4A share a virtual MAC address.

**Answer: D**

Explanation:

The output of the status of high availability on the FortiGate shows that the cluster mode is active-passive, which means that only one FortiGate unit is active at a time, while the other unit is in standby mode. The active unit handles all traffic and also sends HA heartbeat packets to monitor the standby unit. The standby unit becomes active if it stops receiving heartbeat packets from the active unit, or if it receives a higher priority from another cluster unit. In active-passive mode, all cluster units share a virtual MAC address for each interface, which is used as the source MAC address for all packets forwarded by the cluster. Reference: <https://docs.fortinet.com/document/fortigate/6.4.0/cookbook/103439/high-availability-with-two-fortigates>

**NEW QUESTION # 24**

Refer to the CLI configuration of an SSL inspection profile from a FortiGate device configured to protect a web server:

```
config firewall ssl-ssh-profile
edit Inbound-SSL-Inspect
config https
set ports 443
set status deep-inspection
end
...
set supported-alpn none
next
end
```

Based on the information shown, what is the expected behavior when an HTTP/2 request comes in?

- A. FortiGate will rewrite the ALPN header to request HTTP/1.
- B. FortiGate will forward the traffic without modifying the ALPN header.
- C. FortiGate will reject all HTTP/2 ALPN headers.
- D. FortiGate will strip the ALPN header and forward the traffic.

Answer: D

Explanation:

<https://docs.fortinet.com/document/fortigate/7.0.0/new-features/710924/http-2-support-in-proxy-mode-ssl-inspection>

### NEW QUESTION # 25

An automation stitch was configured using an incoming webhook as the trigger named 'my\_incoming\_webhook'. The action is configured to execute the CLI Script shown:

```
config firewall address
edit %%results.hostname%%
set subnet %%results.ip.1%%/32
next
end
config firewall addressgrp
edit Bad-Hosts
append member %%results.hostname%%
next
end
```

- A.

```
data: { "hostname": "bad_host_1", "ip": "1.1.1.1" }
url: http://192.168.226.129/api/v2/cmdb/system/automation-stitch/webhook/my_incoming_webhook
```

- B.

```
data: '{ "hostname": "bad_host_1", "ip": ["1.1.1.1"] }'
url: http://192.168.226.129/api/v2/monitor/system/automation-stitch/webhook/my_incoming_webhook
```

- C.

```
data: '{ "hostname": "bad_host_1", "ip": ["1.1.1.1"] }'
url: http://192.168.226.129/api/v2/cmdb/system/automation-stitch/webhook/my_incoming_webhook
```

- D.

```
data: '{ "hostname": "bad_host_1", "ip": "1.1.1.1" }'
url: http://192.168.226.129/api/v2/monitor/system/automation-stitch/webhook/my_incoming_webhook
```

Answer: B

Explanation:

The CLI script in option A will send the log message to the webhook server. The webhook server can then be configured to take any desired action, such as storing the log message in a database or sending an email notification.

The other options are incorrect. Option B will not send the log message to the webhook server because it does not contain the curl command. Option C will send the log message to the webhook server, but it will also include the FortiGate's IP address and MAC

address. This information is not necessary, and it could be used by an attacker to identify the FortiGate. Option D will not send the log message to the webhook server because it does not contain the webhook action.

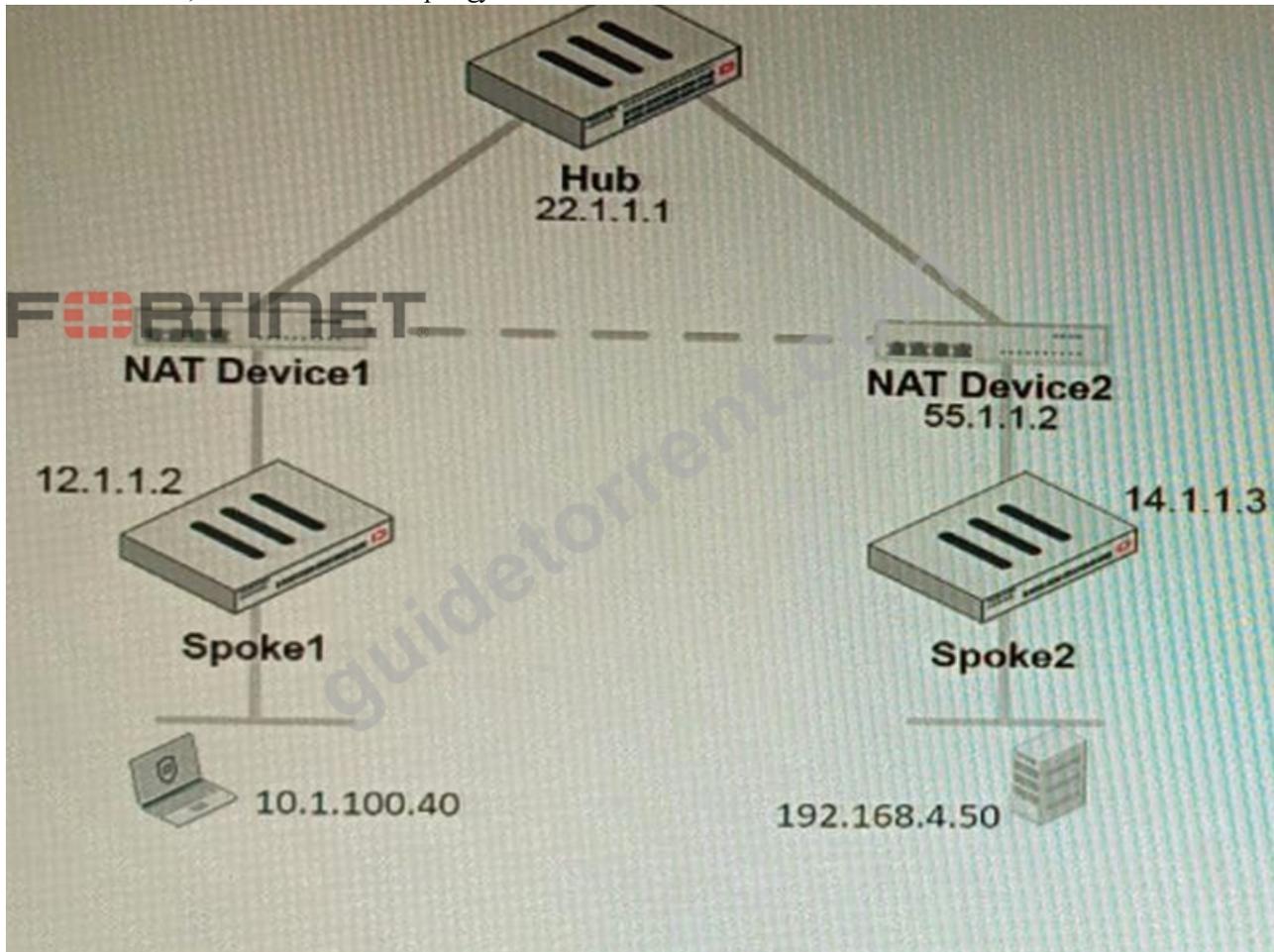
References:

Automation webhook stitches: <https://docs.fortinet.com/document/fortigate/7.4.0/administration-guide/989735/webhook-action>

Webhooks: <https://en.wikipedia.org/wiki/Webhook>

### NEW QUESTION # 26

Refer to the exhibit, which shows a VPN topology.



The device IP 10.1.100.40 downloads a file from the FTP server IP 192.168.4.50 Referring to the exhibit, what will be the traffic flow behavior if ADVPN is configured in this environment?

- A. ADVPN is not supported when spokes are behind NAT
- **B. Spoke1 will establish an ADVPN shortcut to Spoke2**
- C. All the session traffic will pass through the Hub
- D. The TCP port 21 must be allowed on the NAT Device2

**Answer: B**

Explanation:

D is correct because Spoke1 will establish an ADVPN shortcut to Spoke2 when it detects that there is a demand for traffic between them. This is explained in the Fortinet Community article on Technical Tip:

Fortinet Auto Discovery VPN (ADVPN) under Summary - ADVPN sequence of events. References: <https://community.fortinet.com/t5/FortiGate/Technical-Tip-Fortinet-Auto-Discovery-VPN-ADVPN/ta-p/195698>

### NEW QUESTION # 27

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