Fortinet

NSE4_FGT-7.0
Fortinet NSE 4 - FortiOS 7.0

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Product Version

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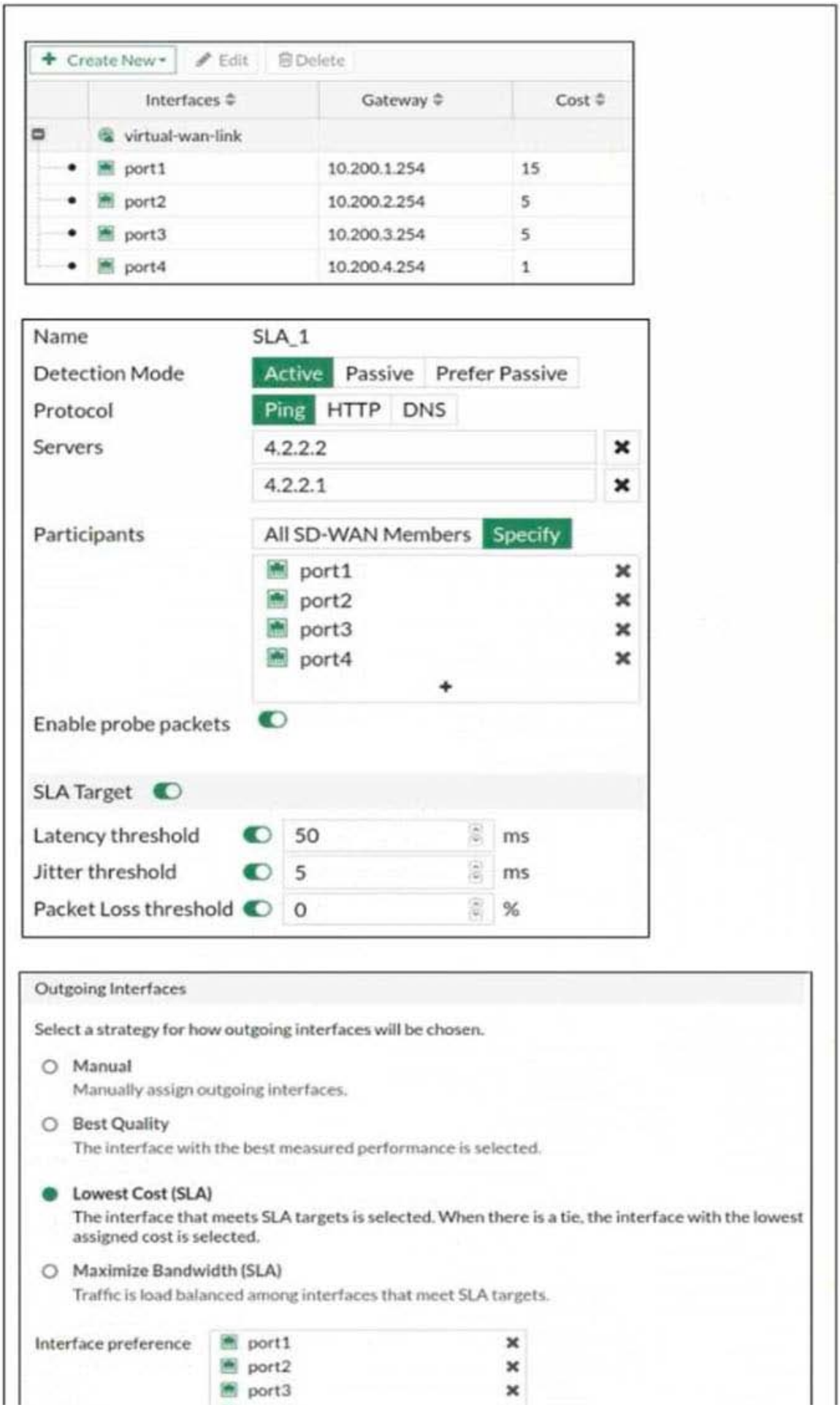
Latest Version: 8.1

Question: 1

Refer to Exhibit.


Create New
Edit
Delete
Interfaces
Gateway
Cost
virtual-wan-link
port1
10.200.1.254
15
port2
10.200.2.254
5
port3
10.200.3.254
5
port4
10.200.4.254
1
Name
SLA_1
Detection Mode
Active
Passive
Prefer Passive
Protocol
Ping
HTTP
DNS
Servers
4.2.2.2
4.2.2.1
Participants
All SD-WAN Members
Specify
port1
port2
port3
port4
Enable probe packets
SLA Target
Latency threshold
50
ms
Jitter threshold
5
ms
Packet Loss threshold
0
%
Outgoing Interfaces
Select a strategy for how outgoing interfaces will be chosen.
Manual
Manually assign outgoing interfaces.
Best Quality
The interface with the best measured performance is selected.
Lowest Cost (SLA)
The interface that meets SLA targets is selected. When there is a tie, the interface with the lowest assigned cost is selected.
Maximize Bandwidth (SLA)
Traffic is load balanced among interfaces that meet SLA targets.
Interface preference
port1
port2
port3

```
NGFW-1 # diagnose sys sdwan health-check
Health Check(SLA_1):
Seq(1 port1): state(alive), packet-loss(0.000%) latency(21.566), jitter(2.685) sla_map=0x1
Seq(2 port2): state(alive), packet-loss(0.000%) latency(34.349), jitter(3.887) sla_map=0x1
Seq(3 port3): state(alive), packet-loss(0.100%) latency(31.476), jitter(3.254) sla_map=0x1
Seq(4 port4): state(alive), packet-loss(2.130%) latency(46.229), jitter(4.287) sla_map=0x1
```

Refer to Exhibit. The exhibit shows the configuration for the SD-WAN member, Performance SLA, and SD-WAN Rule, as well as the output of diagnose sys virtual-wan- link health-check. Which interface will be selected as an outgoing interface?

A. port2
B. port3
C. port4
D. port1

Answer: A

Port 2 because of its lowest cost against Port1

Question: 2

Which two statements about FortiGate FSSO agentless polling mode are true? (Choose two.)

A. FortiGate uses the AD server as the collector agent.
B. FortiGate uses the SMB protocol to read the event viewer logs from the DCs.
C. FortiGate does not support workstation check.
D. FortiGate directs the collector agent to use a remote LDAP server.

Answer: B D

Explanation:
Reference: https://kb.fortinet.com/kb/documentLink.do?externalID=FD47732

Question: 3

FortiGuard categories can be overridden and defined in different categories. To create a web rating override for example.com home page, the override must be configured using a specific syntax. Which two syntaxes are correct to configure web rating for the home page? (Choose two.)

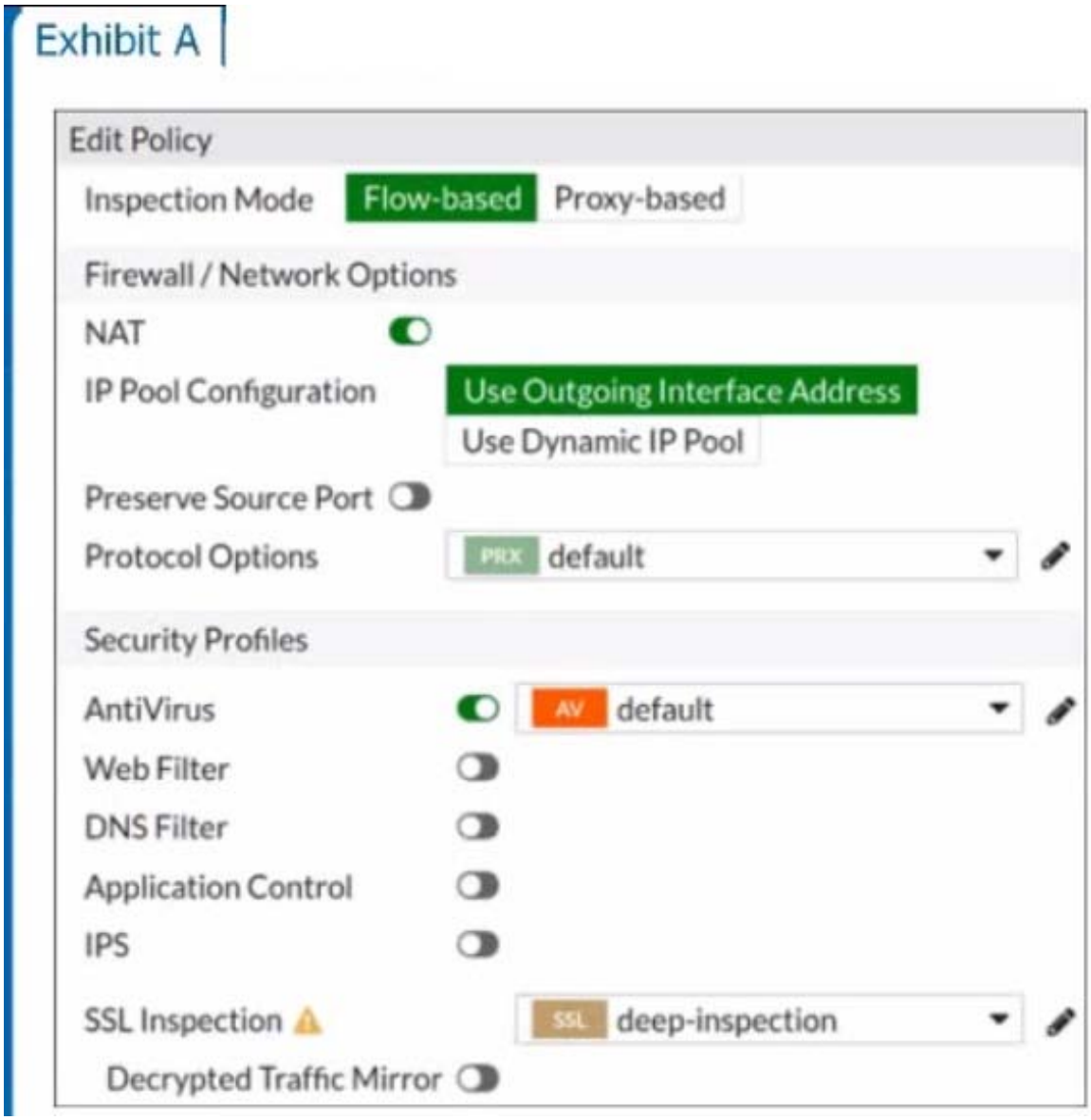
A. www.example.com:443
B. www.example.com
C. example.com
D. www.example.com/index.html

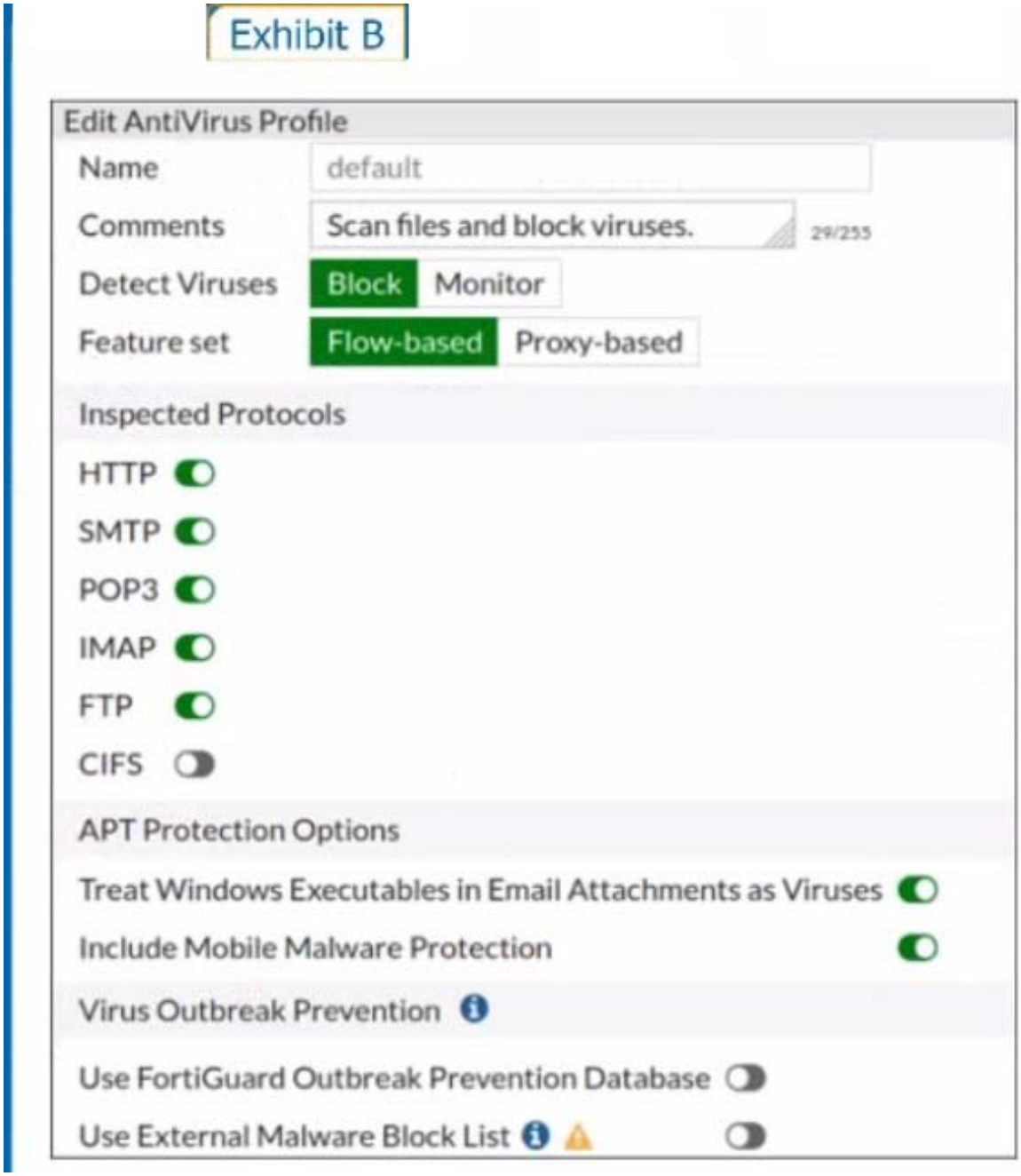
Answer: B C

Explanation:
When using FortiGuard category filtering to allow or block access to a website, one option is to make a web rating override and define the website in a different category. Web ratings are only for host names— "no URLs or wildcard characters are allowed".

Question: 4

Exhibit A





Refer to the exhibits to view the firewall policy (Exhibit A) and the antivirus profile (Exhibit B). Which statement is correct if a user is unable to receive a block replacement message when downloading an infected file for the first time?

A. The firewall policy performs the full content inspection on the file.
B. The flow-based inspection is used, which resets the last packet to the user.
C. The volume of traffic being inspected is too high for this model of FortiGate.
D. The intrusion prevention security profile needs to be enabled when using flow-based inspection mode.

Answer: B

Explanation:
• "ONLY" If the virus is detected at the "START" of the connection, the IPS engine sends the block replacement message immediately
• When a virus is detected on a TCP session (FIRST TIME), but where "SOME PACKETS" have been already forwarded to the receiver, FortiGate "resets the connection" and does not send the last piece of the file. Although the receiver got most of the file content, the file has been truncated and therefore, can't be opened. The IPS engine also caches the URL of the infected file, so that if a "SECOND ATTEMPT" to transmit the file is made, the IPS engine will then send a block replacement message to the client instead of scanning the file again.
In flow mode, the FortiGate drops the last packet killing the file. But because of that the block replacement message cannot be displayed. If the file is attempted to download again the block message will be shown.

Question: 5

Which three options are the remote log storage options you can configure on FortiGate? (Choose three.)

A. FortiCache
B. FortiSIEM
C. FortiAnalyzer
D. FortiSandbox
E. FortiCloud

Answer: B C E

Explanation:
Reference: https://docs.fortinet.com/document/fortigate/6.0.0/handbook/265052/logging-andreporting-overview

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