Vendor: Fortinet

Exam Code: NSE4_FGT-7.0

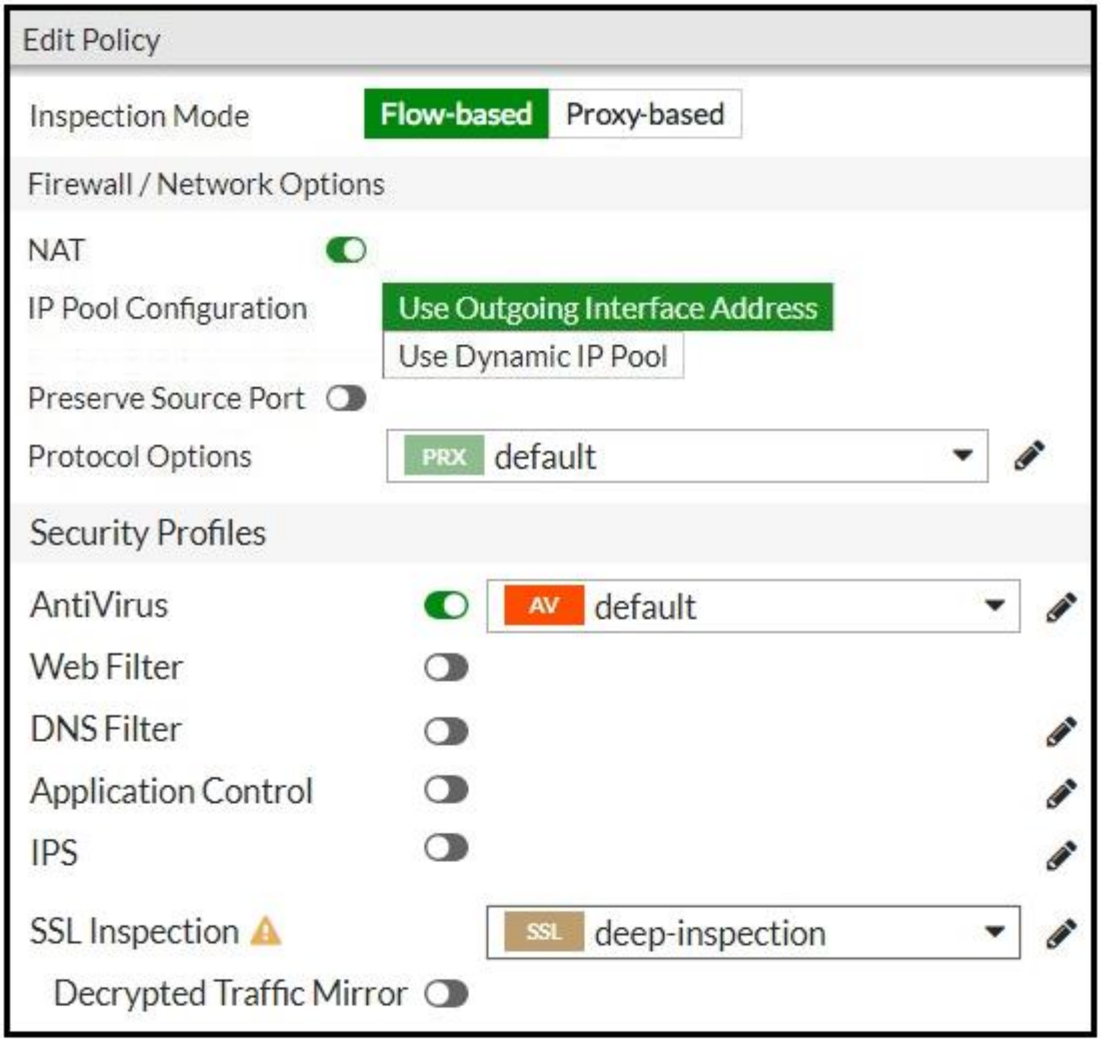
Exam Name: Fortinet NSE 4 - FortiOS 7.0

Version: DEMO

QUESTION 1

Refer to the exhibits to view the firewall policy (Exhibit A) and the antivirus profile (Exhibit B).

Exhibit A



Edit Policy

Inspection Mode: Flow-based | Proxy-based

Firewall / Network Options

NAT: ●

IP Pool Configuration: Use Outgoing Interface Address | Use Dynamic IP Pool

Preserve Source Port: ○

Protocol Options: PRX default

Security Profiles

AntiVirus: ● AV default

Web Filter: ○

DNS Filter: ○

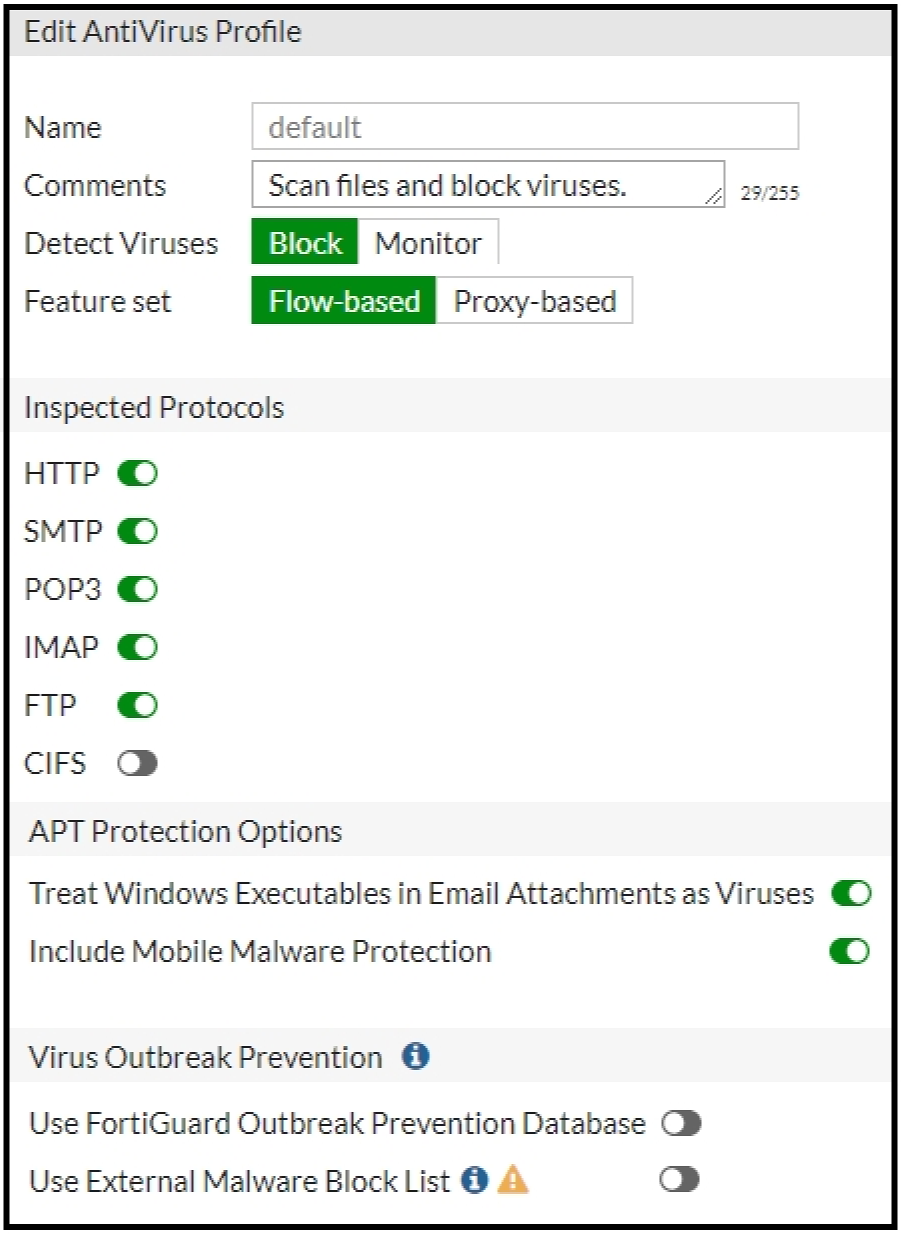
Application Control: ○

IPS: ○

SSL Inspection ⚠: SSL deep-inspection

Decrypted Traffic Mirror: ○

Exhibit B



Edit AntiVirus Profile

Name: default

Comments: Scan files and block viruses. 29/255

Detect Viruses: [✓ Block] Monitor

Feature set: [✓ Flow-based] Proxy-based

Inspected Protocols

- HTTP ●
- SMTP ●
- POP3 ●
- IMAP ●
- FTP ●
- CIFS ○

APT Protection Options

- Treat Windows Executables in Email Attachments as Viruses ●
- Include Mobile Malware Protection ●

Virus Outbreak Prevention

- Use FortiGuard Outbreak Prevention Database ○
- Use External Malware Block List ○

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:
As we can see in the last slide, in flow-based inspection if a virus is detected after a few packets the block page is not displayed.

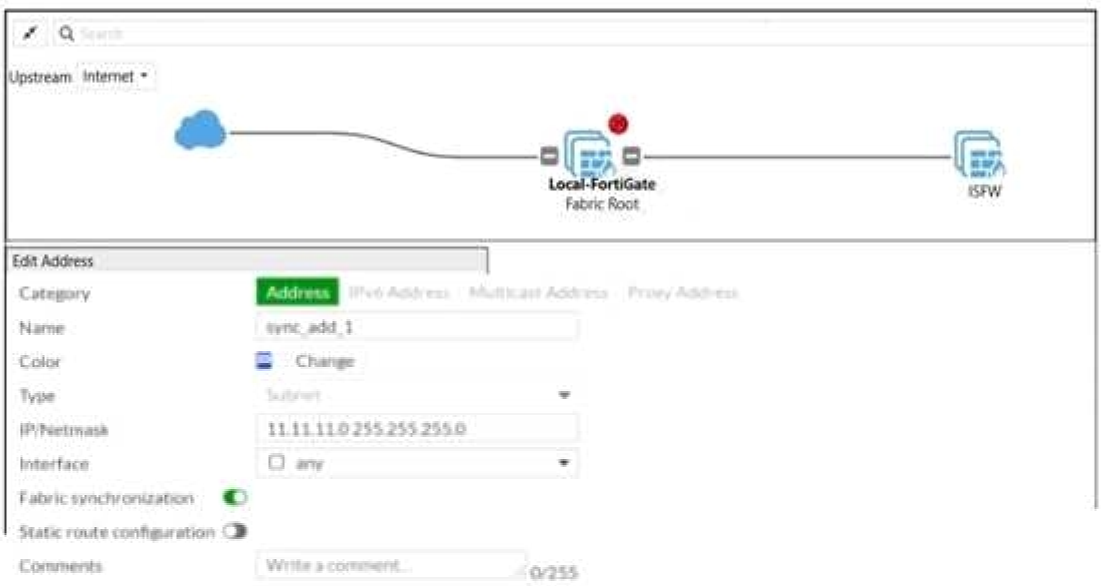
QUESTION 2
Which two statements about SSL VPN between two FortiGate devices are true? (Choose two.)

A. The client FortiGate requires a client certificate signed by the CA on the server FortiGate.
B. The client FortiGate requires a manually added route to remote subnets.
C. The client FortiGate uses the SSL VPN tunnel interface type to connect SSL VPN.
D. Server FortiGate requires a CA certificate to verify the client FortiGate certificate.

Answer: CD
Explanation:
Reference: https://docs.fortinet.com/document/fortigate/6.2.9/cookbook/266506/ssl-vpn-with-certificate-authentication

QUESTION 3
Refer to the exhibits. An administrator creates a new address object on the root FortiGate (Local-FortiGate) in the security fabric. After synchronization, this object is not available on the downstream FortiGate (ISFW).

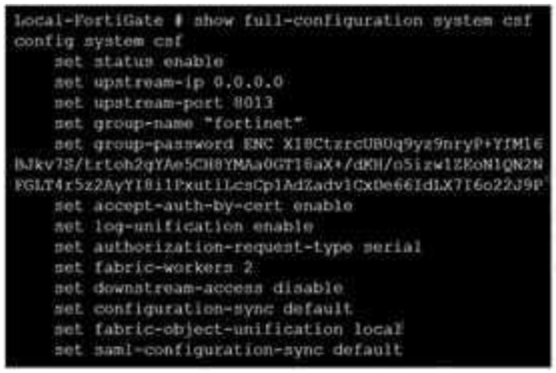
Exhibit A.



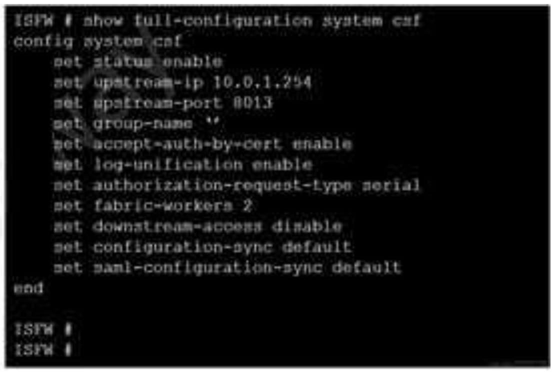
Edit Address

Category	Address / IPv6 Address / Multicast Address / Proxy Address
Name	sync_add_1
Color	Change
Type	Subnet
IP/Netmask	11.11.11.0 255.255.255.0
Interface	□ any
Fabric synchronization	●
Static route configuration	○
Comments	Write a comment... 0/255

Exhibit B.



```
Local-FortiGate # show full-configuration system csf
config system csf
    set status enable
    set upstream-ip 0.0.0.0
    set upstream-port 8013
    set group-name "fortinet"
    set group-password ENC XI8CtzrcUBUq9yz9nryP+YfM16
BJkv7S/trtoh2qYAe5CH8YMAa0GT16aX+/dKH/o5izw1ZKoN1QN2N
FGLT4r5z2AyYI8i1PxutiLcsCp1AdZadv1CxDe66IdLX7I6o22J9P
    set accept-auth-by-cert enable
    set log-unification enable
    set authorization-request-type serial
    set fabric-workers 2
    set downstream-access disable
    set configuration-sync default
    set fabric-object-unification local
    set saml-configuration-sync default
```



```
ISFW # show full-configuration system csf
config system csf
    set status enable
    set upstream-ip 10.0.1.254
    set upstream-port 8013
    set group-name ''
    set accept-auth-by-cert enable
    set log-unification enable
    set authorization-request-type serial
    set fabric-workers 2
    set downstream-access disable
    set configuration-sync default
    set saml-configuration-sync default
end

ISFW #
ISFW #
```

What must the administrator do to synchronize the address object?

A. Change the csf setting on Local-FortiGate (root) to sec configuration-sync local.
B. Change the csf setting on ISFW (downstream) to sec configuracion-sync local.
C. Change the csf setting on Local-FortiGate (root) to sec fabric-objecc-unificacion defaulc.
D. Change the csf setting on ISFW (downstream) to sec fabric-objecc-unificacion defaulc.

Answer: A
Explanation:
Reference: https://kb.fortinet.com/kb/documentLink.do?externalID=FD43820

QUESTION 4
Which statement is correct regarding the inspection of some of the services available by web applications embedded in third-party websites?

A. The security actions applied on the web applications will also be explicitly applied on the third-party websites.
B. The application signature database inspects traffic only from the original web application server.
C. FortiGuard maintains only one signature of each web application that is unique.
D. FortiGate can inspect sub-application traffic regardless where it was originated.

Answer: D
Explanation:
Reference: https://help.fortinet.com/fortiproxy/11/Content/Admin%20Guides/FPX-AdminGuide/300_System/303d_FortiGuard.htm

QUESTION 5
Which CLI command allows administrators to troubleshoot Layer 2 issues, such as an IP address conflict?

A. get system status
B. get system performance status
C. diagnose sys top
D. get system arp

Answer: D
Explanation:
"If you suspect that there is an IP address conflict, or that an IP has been assigned to the wrong device, you may need to look at the ARP table."

QUESTION 6
When configuring a firewall virtual wire pair policy, which following statement is true?

A. Any number of virtual wire pairs can be included, as long as the policy traffic direction is the same.
B. Only a single virtual wire pair can be included in each policy.
C. Any number of virtual wire pairs can be included in each policy, regardless of the policy traffic direction settings.
D. Exactly two virtual wire pairs need to be included in each policy.

Answer: A
Explanation:
Reference: https://kb.fortinet.com/kb/documentLink.do?externalID=FD48690

QUESTION 7
Which statement about video filtering on FortiGate is true?

A. Full SSL Inspection is not required.
B. It is available only on a proxy-based firewall policy.
C. It inspects video files hosted on file sharing services.
D. Video filtering FortiGuard categories are based on web filter FortiGuard categories.

Answer: B
Explanation:
Reference: https://docs.fortinet.com/document/fortigate/7.0.0/new-features/190873/video-filtering

QUESTION 8
Refer to the exhibits. The exhibits contain a network diagram, virtual IP, IP pool, and firewall policies configuration.

Exhibit A.

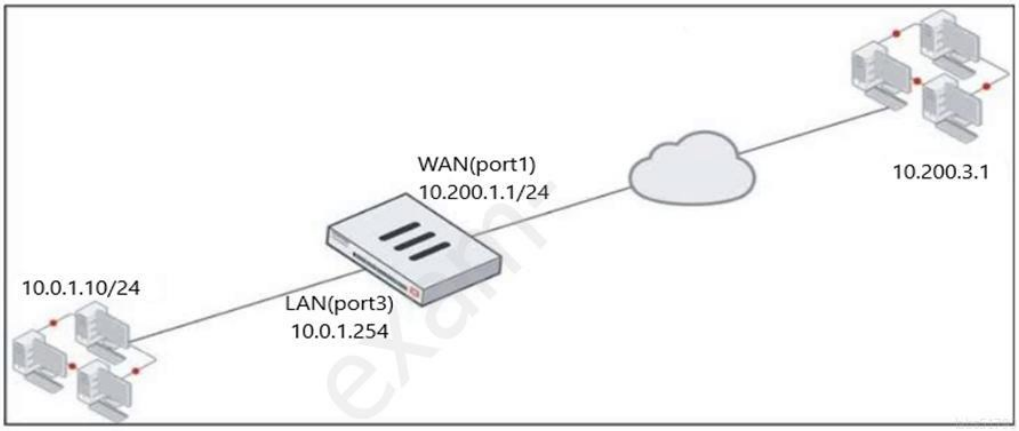
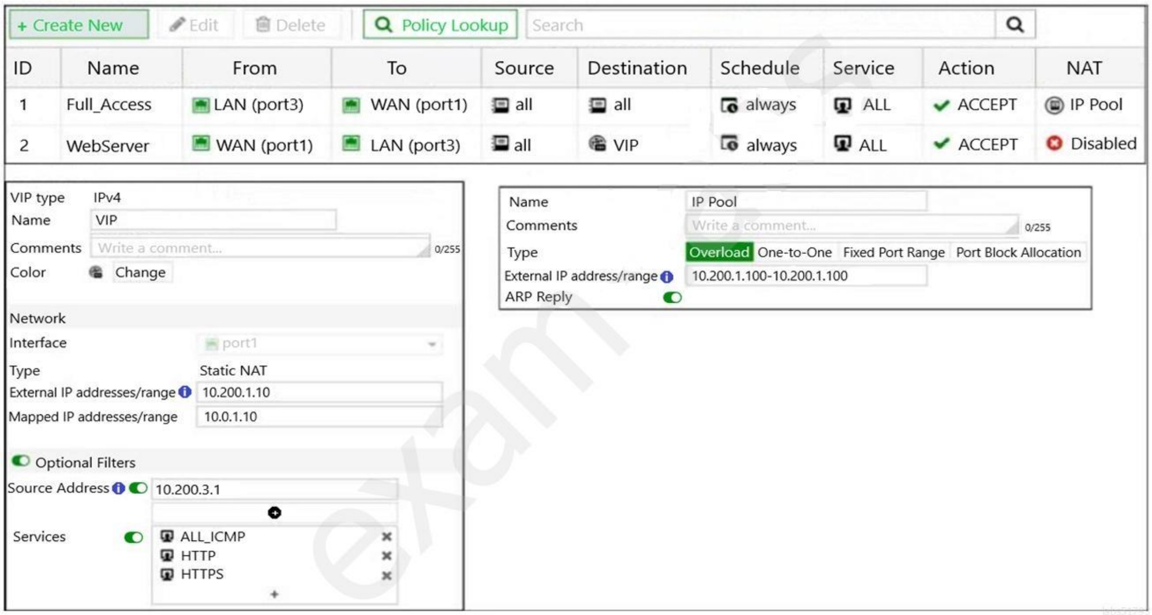


Exhibit B.



ID	Name	From	To	Source	Destination	Schedule	Service	Action	NAT
1	Full_Access	LAN (port3)	WAN (port1)	all	all	always	ALL	✓ ACCEPT	IP Pool
2	WebServer	WAN (port1)	LAN (port3)	all	VIP	always	ALL	✓ ACCEPT	Disabled

VIP type	IPv4
Name	VIP
Comments	Write a comment... 0/255
Color	Change
Network	
Interface	port1
Type	Static NAT
External IP addresses/range	10.200.1.10
Mapped IP addresses/range	10.0.1.10
Optional Filters	
Source Address	10.200.3.1
Services	ALL_ICMP HTTP HTTPS

Name	IP Pool
Comments	Write a comment... 0/255
Type	Overload / One-to-One / Fixed Port Range / Port Block Allocation
External IP address/range	10.200.1.100-10.200.1.100
ARP Reply	

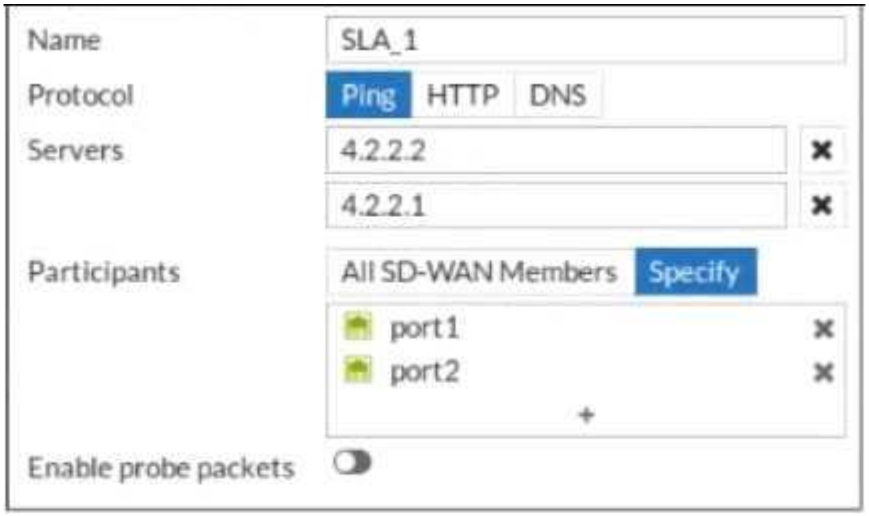
The **WAN (port1)** interface has the IP address 10.200.1.1/24.
The **LAN (port3)** interface has the IP address 10.0.1.254/24.
The first firewall policy has NAT enabled using IP Pool.
The second firewall policy is configured with a VIP as the destination address.

Which IP address will be used to source NAT the internet traffic coming from a workstation with the IP address 10.0.1.10?

A. 10.200.1.1
B. 10.200.3.1
C. 10.200.1.100
D. 10.200.1.10

Answer: A
Explanation:
Reference: https://help.fortinet.com/fos60hlp/60/Content/FortiOS/fortigate-firewall/Concepts%20-%20Firewall/Static%20NAT.htm
Reference: https://kb.fortinet.com/kb/documentLink.do?externalID=FD44529

QUESTION 9
Refer to the exhibit. An administrator has configured a performance SLA on FortiGate, which failed to generate any traffic.



Name: SLA_1

Protocol: Ping HTTP DNS

Servers: 4.2.2.2 ✖
4.2.2.1 ✖

Participants: All SD-WAN Members Specify

port1 ✖

port2 ✖

+

Enable probe packets ○

Why is FortiGate not sending probes to 4.2.2.2 and 4.2.2.1 servers? (Choose two.)

A. The Detection Mode setting is not set to Passive.
B. Administrator didn't configure a gateway for the SD-WAN members, or configured gateway is not valid.
C. The configured participants are not SD-WAN members.
D. The Enable probe packets setting is not enabled.

Answer: BD