

# Fortinet

## Exam Questions NSE6\_FML-6.4

Fortinet NSE 6 - FortiMail 6.4



### NEW QUESTION 1

Refer to the exhibit.

Active User   Expired User   Secure Question   IBE Authentication   IBE Domain						
<div> <span>Delete</span> <span>Maintenance</span> <span>Reset User</span> </div> <div> <span>1</span> / <span>1</span> <span>Records per page: 50</span> <span>IBE domain: --All--</span> <span>Search:</span> </div>						
Enabled	Email	First Name	Last Name	Status	Creation Time	Last Access
<input checked="" type="checkbox"/>	extuser@external.lab	Mail	User	Activated	Wed, 05 Sep 2018 12:05:47 PDT	Wed, 05 Sep 2018 12:38:56 PDT
<input checked="" type="checkbox"/>	extuser2@external.lab			Pre-registered	Wed, 05 Sep 2018 12:41:32 PDT	Wed, 05 Sep 2018 12:41:32 PDT

Which statement describes the pre-registered status of the IBE user extuser2@external.lab?

- A. The user has received an IBE notification email, but has not accessed the HTTPS URL or attachment yet.
- B. The user account has been de-activated, and the user must register again the next time they receive an IBE email.
- C. The user was registered by an administrator in anticipation of IBE participation.
- D. The user has completed the IBE registration process, but has not yet accessed their IBE email.

**Answer:** D

#### Explanation:

Reference: <https://docs.fortinet.com/document/fortimail/6.4.2/administrationguide/470401/configuring-ibe-users>

### NEW QUESTION 2

An administrator sees that an excessive amount of storage space on a FortiMail device is being used up by quarantine accounts for invalid users. The FortiMail is operating in transparent mode. Which two FortiMail features can the administrator configure to tackle this issue? (Choose two.)

- A. Automatic removal of quarantine accounts
- B. Recipient address verification
- C. Bounce address tag verification
- D. Sender address rate control

**Answer:** AD

#### Explanation:

Reference: [https://fortinetweb.s3.amazonaws.com/docs.fortinet.com/v2/attachments/9aa62d26-858d-11ea-9384-00505692583a/FortiMail-6.4.0-Administration\\_Guide.pdf](https://fortinetweb.s3.amazonaws.com/docs.fortinet.com/v2/attachments/9aa62d26-858d-11ea-9384-00505692583a/FortiMail-6.4.0-Administration_Guide.pdf) (322, 323)

### NEW QUESTION 3

FortiMail is configured with the protected domain example.com.

Which two envelope addresses will require an access receive rule, to relay for unauthenticated senders? (Choose two.)

- A. MAIL FROM: accounts@example.com RCPT TO: sales@external.org
- B. MAIL FROM: support@example.com RCPT TO: marketing@example.com
- C. MAIL FROM: training@external.org RCPT TO: students@external.org
- D. MAIL FROM: mis@hosted.net RCPT TO: noc@example.com

**Answer:** BD

### NEW QUESTION 4

Which two antispam techniques query FortiGuard for rating information? (Choose two.)

- A. DNSBL
- B. SURBL
- C. IP reputation
- D. URI filter

**Answer:** AB

#### Explanation:

Reference: <https://docs.fortinet.com/document/fortimail/6.4.0/administrationguide/352990/configuring-antispam-profiles-and-antispam-action-profiles>

### NEW QUESTION 5

Which three statements about SMTPS and SMTP over TLS are true? (Choose three.)

- A. SMTP over TLS connections are entirely encrypted and initiated on port 465
- B. SMTPS encrypts the identities of both the sender and receiver
- C. The STARTTLS command is used to initiate SMTP over TLS
- D. SMTPS encrypts only the body of the email message
- E. SMTPS connections are initiated on port 465

**Answer:** BCE

#### Explanation:

Reference: <https://docs.fortinet.com/document/fortimail/6.2.0/administrationguide/807960/fortimail-support-of-tls-ssl>

#### NEW QUESTION 6

Refer to the exhibit.

```
C:\>nslookup -type=mx example.com
Server: PriNS
Address: 10.200.3.254

Non-authoritative answer:
example.com      MX preference = 10, mail exchanger = mx.hosted.com
example.com      MX preference = 20, mail exchanger = mx.example.com
```

Which two statements about the MTAs of the domain example.com are true? (Choose two.)

- A. The external MTAs will send email to mx.example.com only if mx.hosted.com is unreachable
- B. The PriNS server should receive all email for the example.com domain
- C. The primary MTA for the example.com domain is mx.hosted.com
- D. The higher preference value is used to load balance more email to the mx.example.com MTA

**Answer:** AC

#### NEW QUESTION 7

Refer to the exhibit.

### Access Control Rule

Enabled	<input checked="" type="checkbox"/>		
Sender:	User Defined		
	*@example.com		
Recipient:	User Defined		
	*		
Source:	IP/Netmask		
	10.0.1.100/32		
Reverse DNS pattern:	*	<input type="checkbox"/> Regular Expression	
Authentication status:	Any		
TLS profile:	--None--	<input type="button" value="+ New"/> <input type="button" value="Edit"/>	
Action:	Relay		
Comments:			

Which two statements about the access receive rule are true? (Choose two.)

- A. Email matching this rule will be relayed
- B. Email must originate from an example.com email address to match this rule
- C. Senders must be authenticated to match this rule
- D. Email from any host in the 10.0.1.0/24 subnet can match this rule

**Answer:** AB

#### NEW QUESTION 8

If you are using the built-in MTA to process email in transparent mode, which two statements about FortiMail behavior are true? (Choose two.)

- A. MUAs need to be configured to connect to the built-in MTA to send email
- B. If you disable the built-in MTA, FortiMail will use its transparent proxies to deliver email
- C. FortiMail can queue undeliverable messages and generate DSNs
- D. FortiMail ignores the destination set by the sender, and uses its own MX record lookup to deliver email

**Answer:** CD

#### NEW QUESTION 9

A FortiMail is configured with the protected domain example.com.

On this FortiMail, which two envelope addresses are considered incoming? (Choose two.)

- A. MAIL FROM: accounts@example.com RCPT TO: sales@external.org
- B. MAIL FROM: support@example.com RCPT TO: marketing@example.com
- C. MAIL FROM: training@external.org RCPT TO: students@external.org
- D. MAIL FROM: mis@hosted.net RCPT TO: noc@example.com

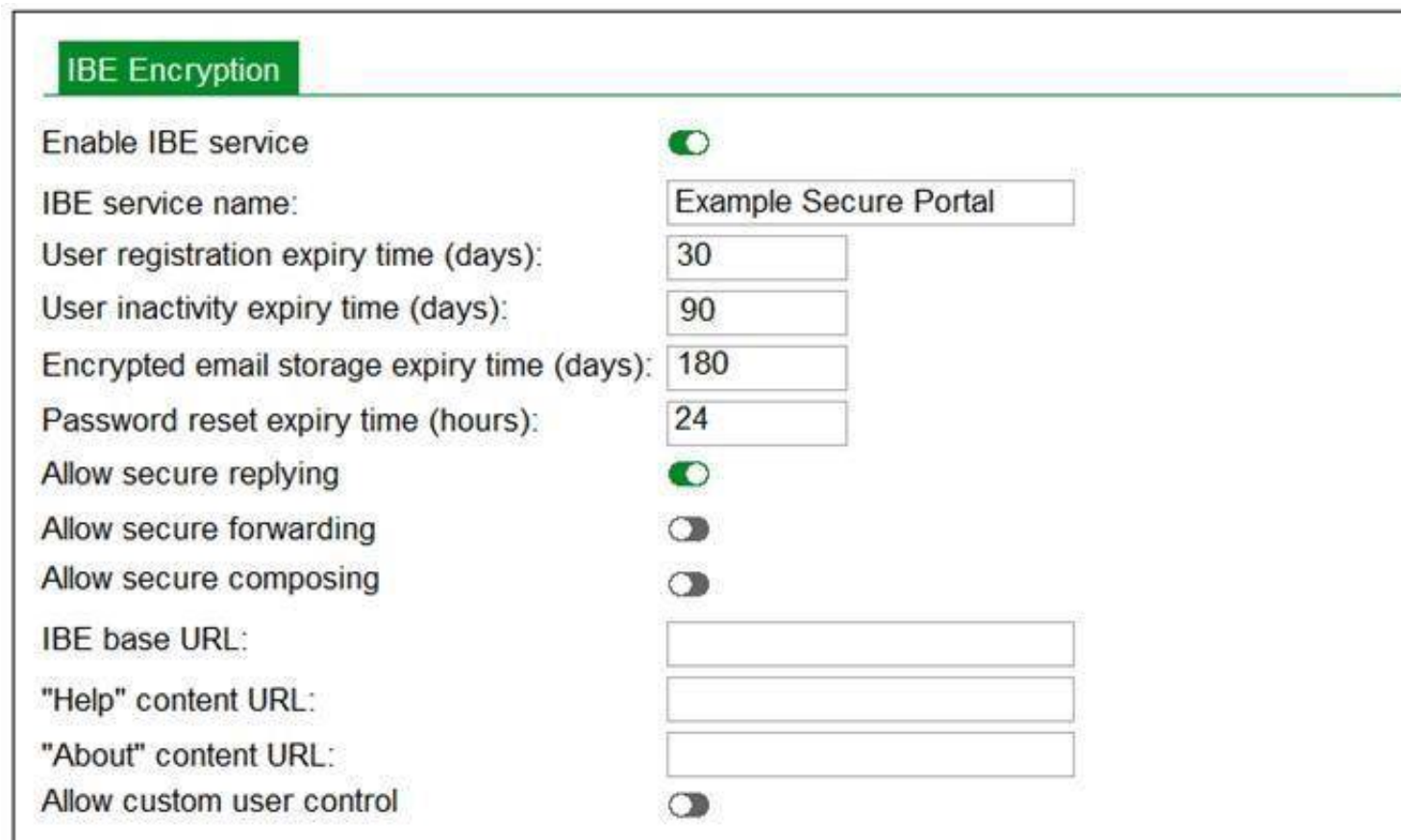
**Answer:** CD

**Explanation:**

Reference: [https://fortinetweb.s3.amazonaws.com/docs.fortinet.com/v2/attachments/9aa62d26-858d-11ea-9384-00505692583a/FortiMail-6.4.0-Administration\\_Guide.pdf](https://fortinetweb.s3.amazonaws.com/docs.fortinet.com/v2/attachments/9aa62d26-858d-11ea-9384-00505692583a/FortiMail-6.4.0-Administration_Guide.pdf) (30)

**NEW QUESTION 10**

Refer to the exhibit.



Which statement describes the impact of setting the User inactivity expiry time option to 90 days?

- A. IBE user accounts will expire after 90 days of inactivity, and must register again to access new IBE email message
- B. Registered IBE users have 90 days from the time they receive a notification email message to access their IBE email
- C. After initial registration, IBE users can access the secure portal without authenticating again for 90 days
- D. First time IBE users must register to access their email within 90 days of receiving the notification email message

**Answer:** A

**Explanation:**

Reference: [https://docs.fortinet.com/document/fortimail/6.4.0/cli-reference/813529/systemencryption-ibe#config\\_3733402351\\_2450215](https://docs.fortinet.com/document/fortimail/6.4.0/cli-reference/813529/systemencryption-ibe#config_3733402351_2450215)

**NEW QUESTION 10**

Refer to the exhibit.

Session Profile

Profile name:

☒ SMTP Limits

Restrict number of EHLO/HELOs per session to:	<input type="text" value="3"/>
Restrict number of email per session to:	<input type="text" value="10"/>
Restrict number of recipients per email to:	<input type="text" value="500"/>
Cap message size (KB) at:	<input type="text" value="51200"/>
Cap header size (KB) at:	<input type="text" value="10240"/>
Maximum number of NOOPs allowed for each connection:	<input type="text" value="10"/>
Maximum number of RSETs allowed for each connection:	<input type="text" value="20"/>

FortiMail

Domain name:

Relay type:

SMTP server:  Port:  [\[Test...\]](#)

☐ Use SMTPS

Fallback SMTP server:  Port:  [\[Test...\]](#)

☐ Use SMTPS

☒ Relay Authentication

Other

Webmail theme:

Webmail language:

Maximum message size (KB):

SMTP greeting (EHLO/HELO) name (as client):

IP pool:  Direction:

☐ Remove received header of outgoing email

☒ Use global bayesian database

☐ Bypass bounce verification

Which message size limit will FortiMail apply to the outbound email?

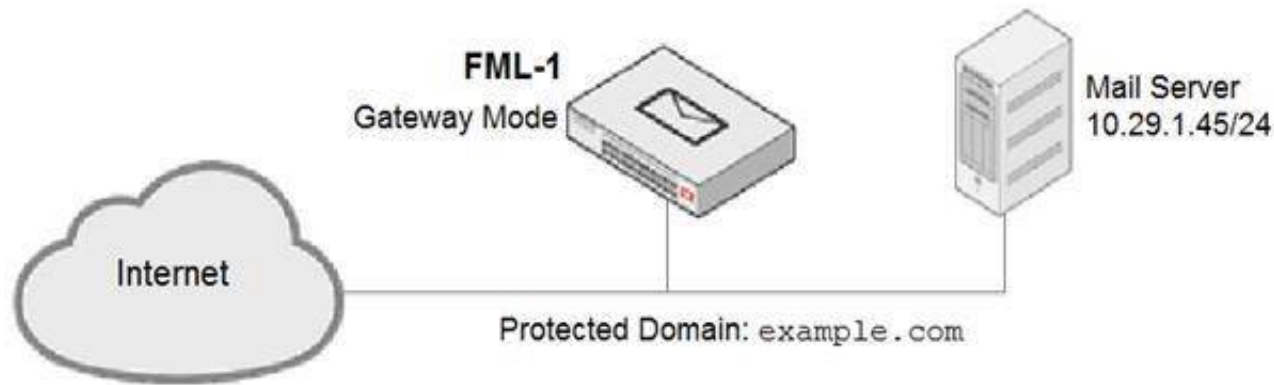
- A. 204800
- B. 1024
- C. 51200
- D. 10240

Answer: A

#### NEW QUESTION 13

Refer to the exhibit.





IP Policy											
<div> <div>+ New..</div> <div>Edit..</div> <div>Delete..</div> <div>Move▼</div> </div> <div> <div>1</div> <div>/ 1</div> <div>&gt;&gt;</div> <div>Records per page: 50</div> </div>											
Enabled	ID	Source	Destinati...	Session	AntiSpam	AntiVirus	Content	DLP	IP Pool	Authentication	Exclu...
<input checked="" type="checkbox"/>	1	0.0.0.0/0	0.0.0.0/0	Example Session							<input checked="" type="checkbox"/>

An administrator has enabled the sender reputation feature in the Example\_Session profile on FML- 1. After a few hours, the deferred queue on the mail server starts filling up with undeliverable email. What two changes must the administrator make to fix this issue? (Choose two.)

- A. Apply a session profile with sender reputation disabled on a separate IP policy for outbound sessions
- B. Clear the sender reputation database using the CLI
- C. Create an outbound recipient policy to bypass outbound email from session profile inspections
- D. Disable the exclusive flag in IP policy ID 1

**Answer:** AD

#### NEW QUESTION 17

Which FortiMail option removes embedded code components in Microsoft Word, while maintaining the original file format?

- A. Behavior analysis
- B. Impersonation analysis
- C. Content disarm and reconstruction
- D. Header analysis

**Answer:** C

#### Explanation:

Reference: <https://fortinetweb.s3.amazonaws.com/docs.fortinet.com/v2/attachments/8c063dd3-bafe-11e9-a989-00505692583a/fortimail-admin-620.pdf> (435)

#### NEW QUESTION 22

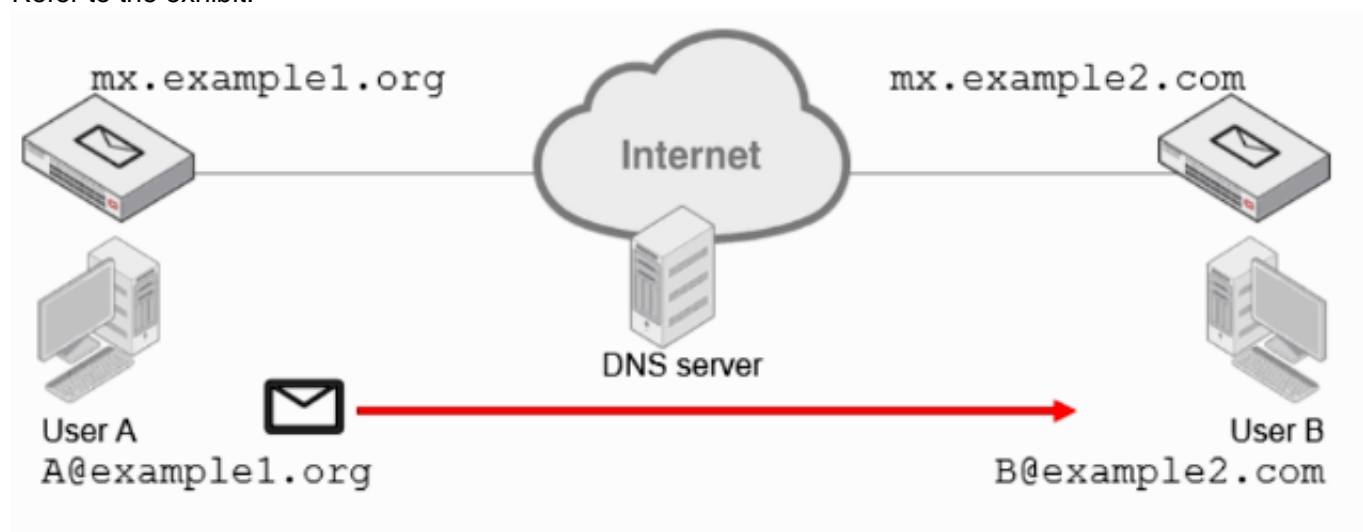
Which two features are available when you enable HA centralized monitoring on FortiMail? (Choose two.)

- A. Policy configuration changes of all cluster members from the primary device.
- B. Firmware update of all cluster members from the primary device.
- C. Cross-device log searches across all cluster members from the primary device.
- D. Mail statistics of all cluster members on the primary device

**Answer:** CD

#### NEW QUESTION 26

Refer to the exhibit.



Which two statements about email messages sent from User A to User B are correct? (Choose two.)

- A. User A's MUA will perform a DNS MX record lookup to send the email message.
- B. mx.example1.org will forward the email message to the MX record that has the lowest preference.
- C. The DNS server will act as an intermediary MTA.

D. User B will retrieve the email message using either POP3 or IMA

**Answer:** AC

#### NEW QUESTION 27

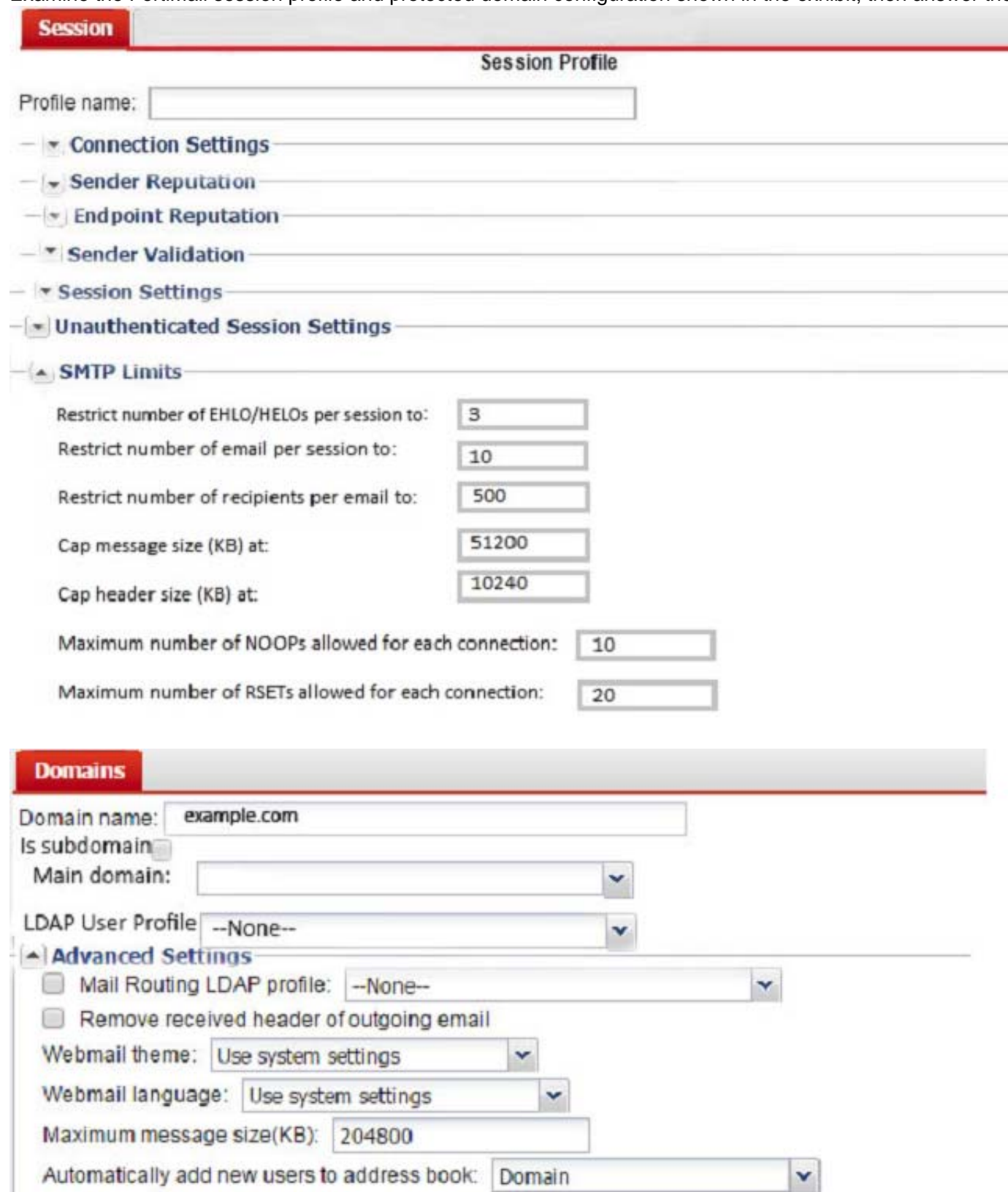
Which statement about how impersonation analysis identifies spoofed email addresses is correct?

- A. It uses behavior analysis to detect spoofed addresses.
- B. It maps the display name to the correct recipient email address.
- C. It uses DMARC validation to detect spoofed addresses.
- D. It uses SPF validation to detect spoofed addresse

**Answer:** A

#### NEW QUESTION 32

Examine the FortiMail session profile and protected domain configuration shown in the exhibit; then answer the question below.



The screenshot displays two configuration panels in FortiMail. The top panel, 'Session Profile', includes fields for 'Profile name', expandable sections for 'Connection Settings', 'Sender Reputation', 'Endpoint Reputation', 'Sender Validation', 'Session Settings', 'Unauthenticated Session Settings', and 'SMTP Limits'. The 'SMTP Limits' section contains input fields for: 'Restrict number of EHLO/HELOs per session to:' (3), 'Restrict number of email per session to:' (10), 'Restrict number of recipients per email to:' (500), 'Cap message size (KB) at:' (51200), 'Cap header size (KB) at:' (10240), 'Maximum number of NOOPs allowed for each connection:' (10), and 'Maximum number of RSETs allowed for each connection:' (20). The bottom panel, 'Domains', shows 'Domain name' as 'example.com', 'Is subdomain' as an unchecked checkbox, 'Main domain' as a dropdown, 'LDAP User Profile' as '--None--', and an expanded 'Advanced Settings' section. The 'Advanced Settings' section includes: 'Mail Routing LDAP profile' (dropdown), 'Remove received header of outgoing email' (unchecked checkbox), 'Webmail theme' (Use system settings), 'Webmail language' (Use system settings), 'Maximum message size(KB):' (204800), and 'Automatically add new users to address book:' (Domain).

Which size limit will FortiMail apply to outbound email?

- A. 204800
- B. 51200
- C. 1024
- D. 10240

**Answer:** B

#### Explanation:

domain only applies to inbound. <https://kb.fortinet.com/kb/viewContent.do?externalId=FD31006&sliceId=1>

#### NEW QUESTION 34

Examine the FortiMail recipient-based policy shown in the exhibit; then answer the question below.

Policies

Recipient Based Policy

Enable ☒

Direction: Incoming

Domain:

Comments:

Sender Pattern

Type: User @

\* @

Recipient Pattern

Type: User @

\* @ example.com

Profiles

Authentication and Access

Authentication type: LDAP

Authentication profile: Example LDAP

☒ Use for SMTP authentication
 ☐ Allow guaranteed email access through POP3
 ☐ Allow guaranteed email access through webmail

After creating the policy, an administrator discovered that clients are able to send unauthenticated email using SMTP. What must be done to ensure clients cannot send unauthenticated email?

- A. Configure a matching IP policy with SMTP authentication and exclusive flag enabled
- B. Move the recipient policy to the top of the list
- C. Configure an access receive rule to verify authentication status
- D. Configure an access delivery rule to enforce authentication

**Answer: D**

### NEW QUESTION 36

Examine the nslookup output shown in the exhibit; then answer the question below.

```
C:\>nslookup -type=mx example.com
Server: PriNS
Address: 10.200.3.254

Non-authoritative answer:
example.com      MX preference = 10, mail exchanger = mx.hosted.com
example.com      MX preference = 20, mail exchanger = mx.example.com
```

Identify which of the following statements is true regarding the example.com domain's MTAs.  
 (Choose two.)

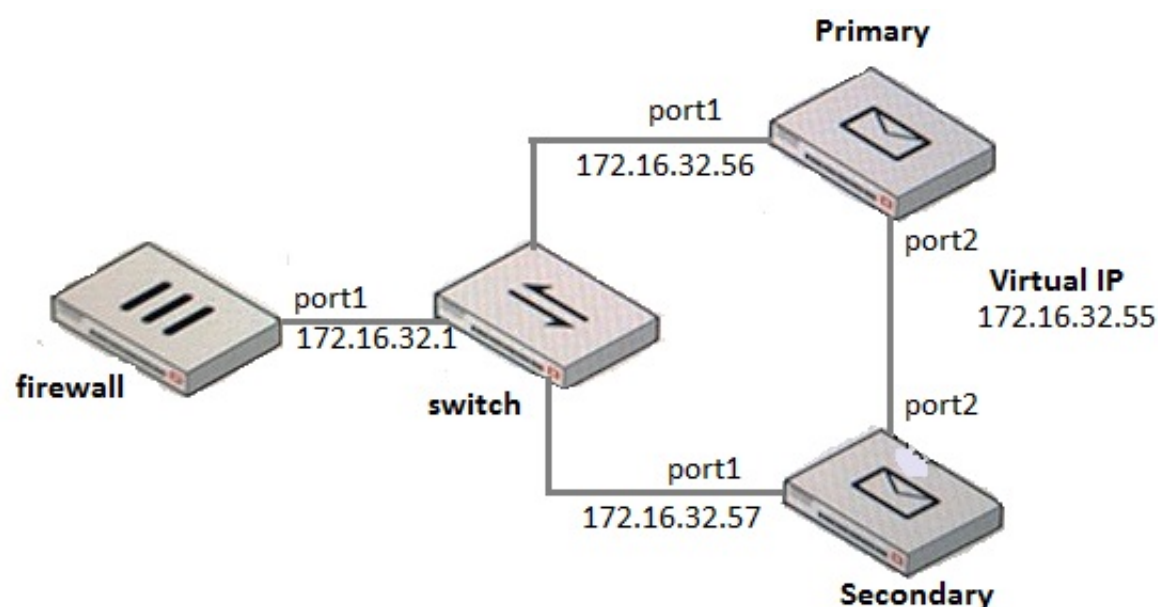
- A. External MTAs will send email to mx.example.com only if mx.hosted.com is unreachable
- B. The primary MTA for the example.com domain is mx.hosted.com
- C. The PriNS server should receive all email for the example.com domain
- D. The higher preference value is used to load balance more email to the mx.example.com MTA

**Answer: AB**

### NEW QUESTION 37

Examine the FortiMail active-passive cluster shown in the exhibit; then answer the question below.





### Primary HA Interface Configuration

#### HA Interface

Port: **port1...**

Enable port monitor ☐

Heartbeat status: **Disable**

Peer IP address: **0.0.0.0**

Peer IPv6 address: **::**

Virtual IP action: **Ignore**

Virtual IP address: **0.0.0.0** / **0**

Virtual IPv6 address: **::** / **0**

Which of the following parameters are recommended for the Primary FortiMail's HA interface configuration? (Choose three.)

- A. Enable port monitor: disable
- B. Peer IP address: 172.16.32.57
- C. Heartbeat status: Primary
- D. Virtual IP address: 172.16.32.55/24
- E. Virtual IP action: Use

**Answer: CDE**

#### NEW QUESTION 42

Examine the FortiMail IBE users shown in the exhibit; then answer the question below

Active User						
Expired User    Secure Question    IBE Authentication    IBE Domain						
Delete    Maintenance    Reset User						
Page 1 / 1    Records per page: 50    IBE domain: external.com    Search						
Enabled	Email	First Name	Last Name	Status	Creation Time	Last Access
<input checked="" type="checkbox"/>	hJordan@external.com	Hal	Jordan	Activated	Wed, 12 Apr 2017 13:00:28 EDT	Wed, 12 Apr 2017 13:01:25 EDT
<input checked="" type="checkbox"/>	krayner@external.com			Pre-registered	Wed, 12 Apr 2017 13:02:13 EDT	Wed, 12 Apr 2017 13:02:13 EDT

Which one of the following statements describes the Pre-registered status of the IBE user krayner@external.com?

- A. The user was registered by an administrator in anticipation of IBE participation
- B. The user has completed the IBE registration process but has not yet accessed their IBE email
- C. The user has received an IBE notification email, but has not accessed the HTTPS URL or attachment yet
- D. The user account has been de-activated, and the user must register again the next time they receive an IBE email

**Answer: C**

#### NEW QUESTION 47

Examine the access receive rule shown in the exhibit; then answer the question below.

## FortiMail

### Access Control Rule

Enabled ☒

Sender pattern:   ☐ Regular expression

Recipient pattern:   ☐ Regular expression

Sender IP/netmask:   /

Reverse DNS pattern:  ☐ Regular expression

Authentication status:

TLS profile:

Action:

Comments:

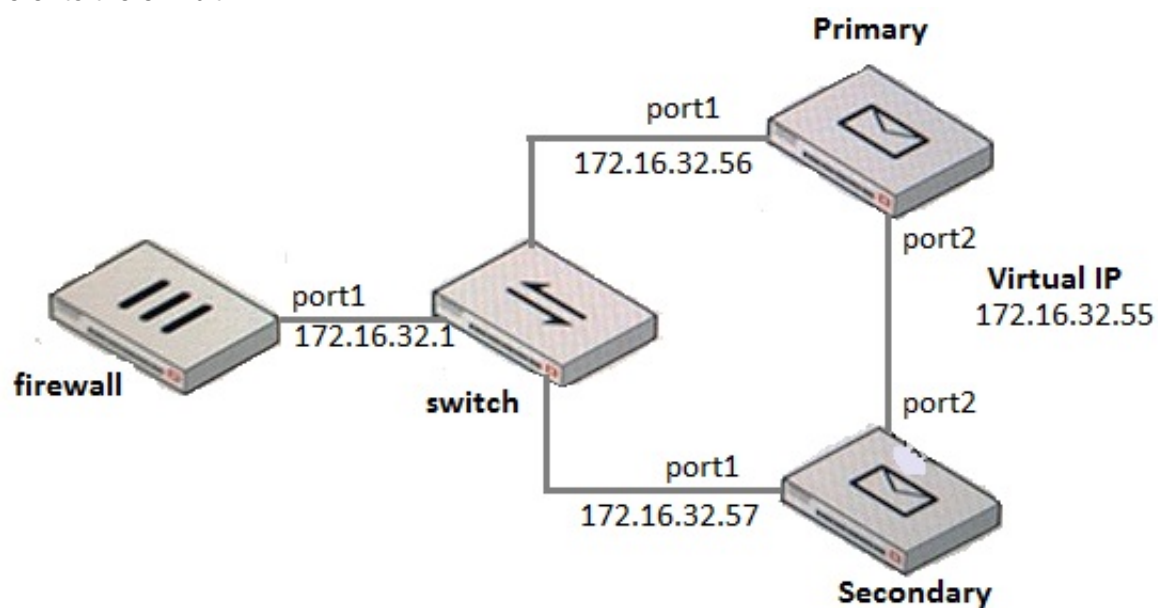
Which of the following statements are true? (Choose two.)

- A. Email from any host in the 10.0.1.0/24 subnet can match this rule
- B. Senders must be authenticated to match this rule
- C. Email matching this rule will be relayed
- D. Email must originate from an example.com email address to match this rule

**Answer: CD**

## NEW QUESTION 52

Refer to the exhibit.



What IP address should the DNS MX record for this deployment resolve to?

- A. 172.16.32.1
- B. 172.16.32.57
- C. 172.16.32.55
- D. 172.16.32.56

**Answer: C**

## NEW QUESTION 56

Which of the following antispam techniques queries FortiGuard for rating information? (Choose two.)

- A. URI filter
- B. IP reputation
- C. SURBL
- D. DNSBL

**Answer: AB**

**NEW QUESTION 61**  
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