

# Fortinet





## Exam Questions NSE6\_FML-6.4

Fortinet NSE 6 - FortiMail 6.4



### NEW QUESTION 1

Refer to the exhibit.

Sender Reputation	Authentication Reputation	Endpoint Reputation
  <input type="text" value="1"/> / <input type="text" value="1"/>   Records per page: <input type="text" value="50"/>		
IP	Score	
10.0.1.254	15	

Which configuration change must you make to block an offending IP address temporarily?

- A. Add the offending IP address to the system block list
- B. Add the offending IP address to the user block list
- C. Add the offending IP address to the domain block list
- D. Change the authentication reputation setting status to Enable

**Answer: D**

**Explanation:**

Reference: <https://help.fortinet.com/fweb/550/Content/FortiWeb/fortiweb-admin/blacklisting.htm> Question 2

## NEW QUESTION 2

Refer to the exhibit.

Active User

Expired User

Secure Question

IBE Authentication

IBE Domain

Delete

Maintenance

Reset User

1 / 1

Records per page: 50 IBE domain: --All-- Search:

Enabled	Email	First Name	Last Name	Status	Creation Time	Last Access
<div></div>	extuser@external.lab	Mail	User	Activated	Wed, 05 Sep 2018 12:05:47 PDT	Wed, 05 Sep 2018 12:38:56 PDT
<div></div>	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.

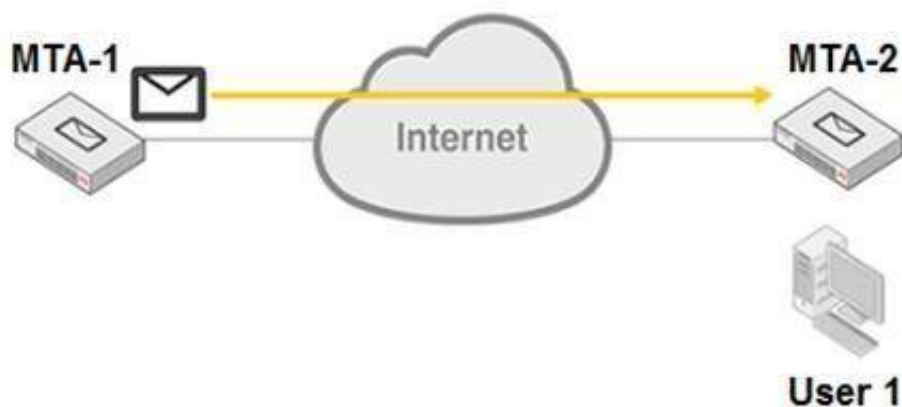
**Answer: D**

**Explanation:**

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

## NEW QUESTION 3

Refer to the exhibit.



MTA-1 is delivering an email intended for User 1 to MTA-2.

Which two statements about protocol usage between the devices are true? (Choose two.)

- A. User 1 will use logs were generated load the email message from MTA-2  
B. MTA-2 will use IMAP to receive the email message from MTA-1  
C. MTA-1 will use POP3 to deliver the email message to User 1 directly  
D. MTA-1 will use SMTP to deliver the email message to MTA-2

**Answer: AD**

## NEW QUESTION 4

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 5**

What three configuration steps are required to enable DKIM signing for outbound messages on FortiMail? (Choose three.)

- A. Generate a public/private key pair in the protected domain configuration
- B. Enable DKIM check in a matching session profile
- C. Enable DKIM check in a matching antispam profile
- D. Publish the public key as a TXT record in a public DNS server
- E. Enable DKIM signing for outgoing messages in a matching session profile

**Answer:** ABD

**NEW QUESTION 6**

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

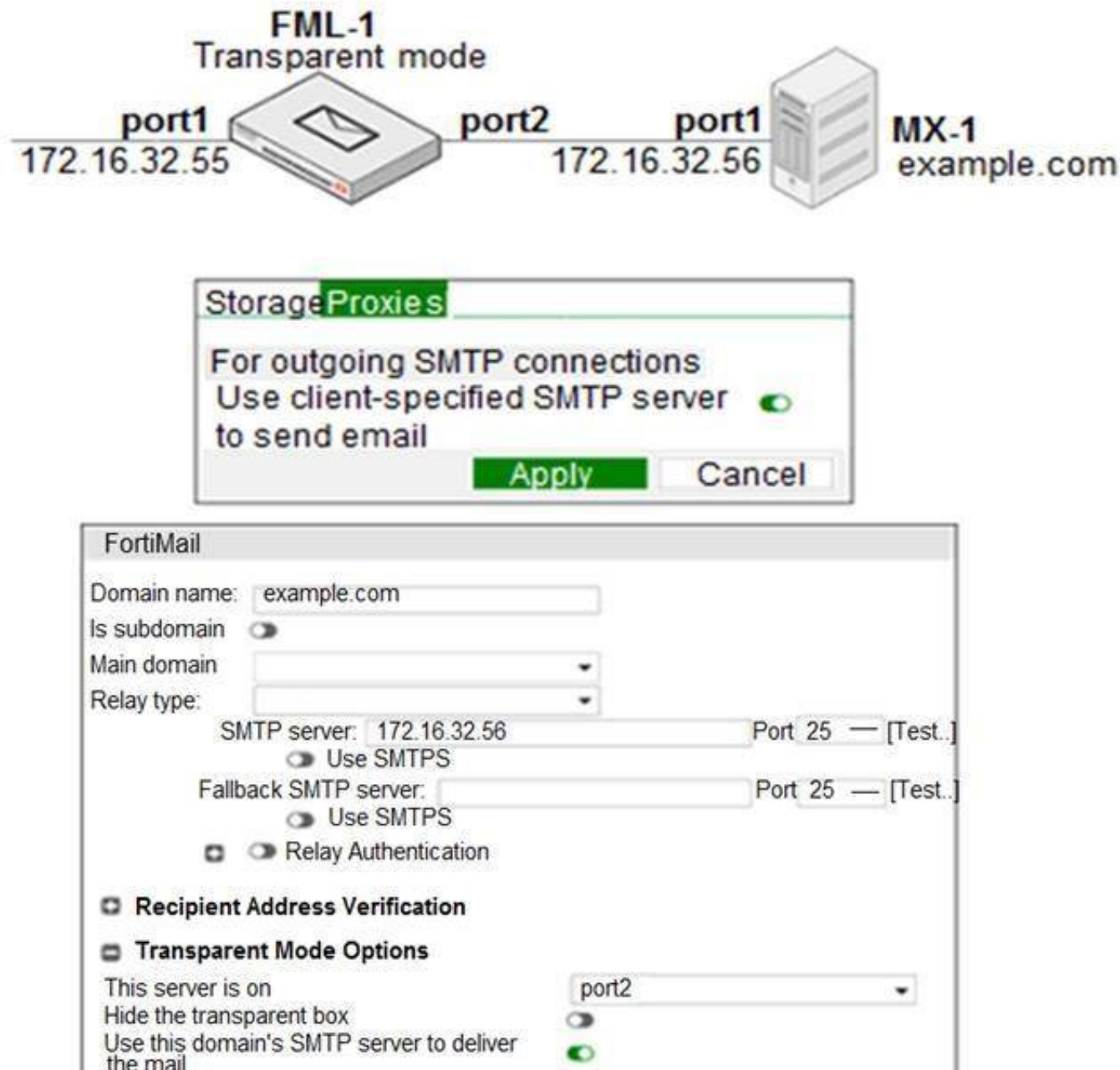
**Answer:** BCE

**Explanation:**

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

**NEW QUESTION 7**

Refer to the exhibit.



Which two statements about how the transparent mode FortiMail device routes email for the example.com domain are true? (Choose two.)

- A. If incoming email messages are undeliverable, FML-1 can queue them to retry later

- B. If outgoing email messages are undeliverable, FM-1 can queue them to retry later
- C. FML-1 will use the built-in MTA for outgoing sessions
- D. FML-1 will use the transparent proxy for incoming sessions

**Answer:** BD

#### NEW QUESTION 8

Refer to the exhibit.

IBE Encryption

Enable IBE service

☒

IBE service name:

Example Secure Portal

User registration expiry time (days):

30

User inactivity expiry time (days):

90

Encrypted email storage expiry time (days):

180

Password reset expiry time (hours):

24

Allow secure replying

☒

Allow secure forwarding

☐

Allow secure composing

☐

IBE base URL:

"Help" content URL:

"About" content URL:

Allow custom user control

☐

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

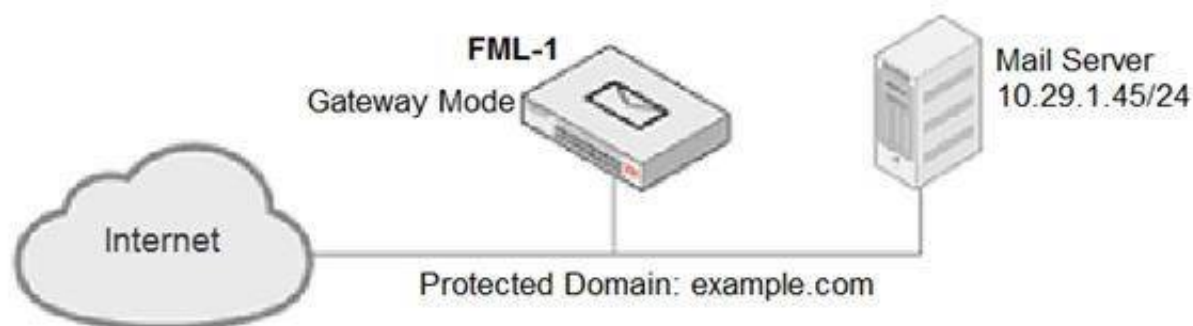
**Answer:** A

#### 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 9

Refer to the exhibit.



Access Control Rule

Enabled

☒

Sender:

User Defined

\*

Recipient:

User Defined

\*

Source:

IP/Netmask

0.0.0.0/0

Reverse DNS pattern:

\*

☐ Regular Expression

Authentication status:

Any

TLS profile:

--None--

+ New... Edit...

Action:

Reject

Comments:

It is recommended that you configure which three access receive settings to allow outbound email from the example.com domain on FML-1? (Choose three.)

- A. The Sender pattern should be set to \*@example.com
- B. The Action should be set to Relay
- C. The Recipient pattern should be set to 10.29.1.45/24
- D. The Enable check box should be cleared
- E. The Sender IP/netmask should be set to 10.29.1.45/32

**Answer:** BDE

#### NEW QUESTION 10

Refer to the exhibit.



**Session Profile**

Profile name:

☒ **SMTP Limits**

Restrict number of EHLO/HELOs per session to:

Restrict number of email per session to:

Restrict number of recipients per email to:

Cap message size (KB) at:

Cap header size (KB) at:

Maximum number of NOOPs allowed for each connection:

Maximum number of RSETs allowed for each connection:

**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 10

A FortiMail administrator is investigating a sudden increase in DSNs being delivered to the protected domain for undeliverable email messages. After searching the logs, the administrator identifies that the DSNs were not generated as a result of any outbound email sent from the protected domain.

Which FortiMail antispam technique can the administrator use to prevent this scenario?

- A. Spam outbreak protection
- B. Bounce address tag validation
- C. Spoofed header detection
- D. FortiGuard IP Reputation

**Answer:** A

#### Explanation:

Reference: <https://docs.fortinet.com/document/fortimail/6.2.0/administrationguide/769204/managing-the-mail-queue>

#### NEW QUESTION 12

While reviewing logs, an administrator discovers that an incoming email was processed using policy IDs 0:4:9. Which two scenarios will generate this policy ID? (Choose two.)

- A. Email was processed using IP policy ID 4
- B. Incoming recipient policy ID 9 has the exclusive flag set
- C. FortiMail applies the default behavior for relaying inbound email
- D. FortiMail configuration is missing an access delivery rule

**Answer:** CD

**NEW QUESTION 14**

While testing outbound MTA functionality, an administrator discovers that all outbound email is being processed using policy IDs 1:2:0. Which two reasons explain why the last policy ID value is 0? (Choose two.)

- A. Outbound email is being rejected
- B. IP policy ID 2 has the exclusive flag set
- C. There are no outgoing recipient policies configured
- D. There are no access delivery rules configured for outbound email

**Answer:** CD

**NEW QUESTION 19**

An organization has different groups of users with different needs in email functionality, such as address book access, mobile device access, email retention periods, and disk quotas.

Which FortiMail feature specific to server mode can be used to accomplish this?

- A. Resource profiles
- B. Domain-level service settings
- C. Access profiles
- D. Address book management options

**Answer:** A

**NEW QUESTION 20**

A FortiMail administrator is concerned about cyber criminals attempting to get sensitive information from employees using whaling phishing attacks. What option can the administrator configure to prevent these types of attacks?

- A. Impersonation analysis
- B. Bounce tag verification
- C. Content disarm and reconstruction
- D. Dictionary profile with predefined smart identifiers

**Answer:** A

**NEW QUESTION 24**

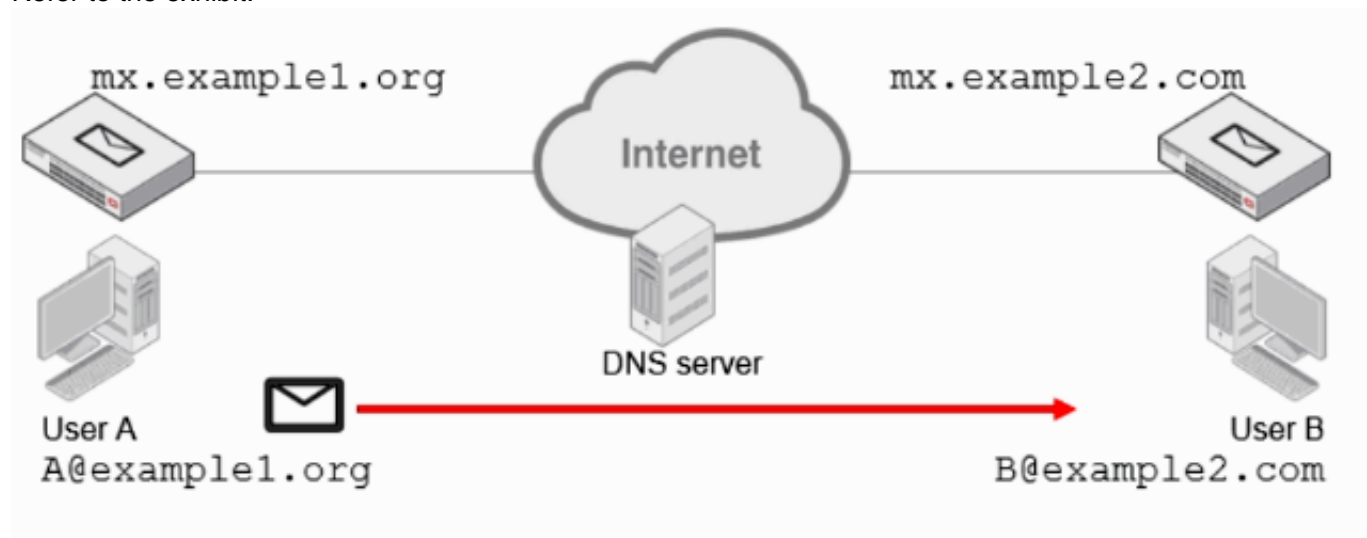
Which two features are available when you enable HA centralized monitoring on FortiMail? (Choose two.)

- 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 28**

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 29**

Refer to the exhibit.

FortiMail

Domain name:

Is subdomain ☐

Main domain:

Relay type: 

Host

SMTP server:  Port: 

25

Test...

☐ Use SMTPS

Fallback SMTP server:  Port: 

25

Test...

☐ Use SMTPS

☒ ☐ Relay Authentication

☒ Recipient Address Verification

☒ Transparent Mode Options

This server is on 

port2

Hide the transparent box ☐

Use this domain's SMTP server to deliver the mail ☒

For the transparent mode FortiMail shown in the exhibit, which two sessions are considered incoming sessions? (Choose two.)

- A. DESTINATION IP: 172.16.32.56 MAIL FROM: support@example.com RCPT TO: marketing@example.com
- B. DESTINATION IP: 192.168.54.10 MAIL FROM: accounts@example.com RCPT TO: sales@example.com
- C. DESTINATION IP: 10.25.32.15 MAIL FROM: training@example.com RCPT TO: students@external.com
- D. DESTINATION IP: 172.16.32.56 MAIL FROM: mis@hosted.net RCPT TO: noc@example.com

Answer: AC

NEW QUESTION 30

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

Session

Session Profile

Profile name:

Connection Settings

Sender Reputation

Endpoint Reputation

Sender Validation

Session Settings

Unauthenticated Session Settings

SMTP Limits

Restrict number of EHLO/HELOs per session to:

Restrict number of email per session to:

Restrict number of recipients per email to:

Cap message size (KB) at:

Cap header size (KB) at:

Maximum number of NOOPs allowed for each connection:

Maximum number of RSETs allowed for each connection:



Domains

Domain name:

Is subdomain: ☐

Main domain:

LDAP User Profile:

Advanced Settings

☐ Mail Routing LDAP profile:

☐ Remove received header of outgoing email

Webmail theme:

Webmail language:

Maximum message size(KB):

Automatically add new users to address book:

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 32

Examine the FortiMail antivirus action profile shown in the exhibit; then answer the question below.

AntiVirus Action

AntiVirus Action Profile

Domain:

Profile name:

Direction:

☐ Tag email's subject line With value:

☐ Insert new header  With value:

☐ Deliver to alternate host

☐ BCC

☒ Replace infected/suspicious body or attachment(s)

☐ Notify with profile  New... Edit...

☐ Reject  New... Edit...

☐ Discard

☐ System quarantine to folder  New... Edit...

☐ Rewrite recipient email address

☐ Repackage email with customised content\*

☐ Repackage email with original text content\*

*\*Original email will be wrapped as attachment*

What is the expected outcome if FortiMail applies this action profile to an email? (Choose two.)

- A. The sanitized email will be sent to the recipient's personal quarantine
- B. A replacement message will be added to the email
- C. Virus content will be removed from the email
- D. The administrator will be notified of the virus detection

Answer: BC

NEW QUESTION 36

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:  @

@

---

**Recipient Pattern**

Type:  @

@

---

**Profiles**

**Authentication and Access**

Authentication type:

Authentication profile:

☒ Use for SMTP authentication

☐ Allow guaranteed email access through POP3

☐ Allow guaranteed email access through webmail

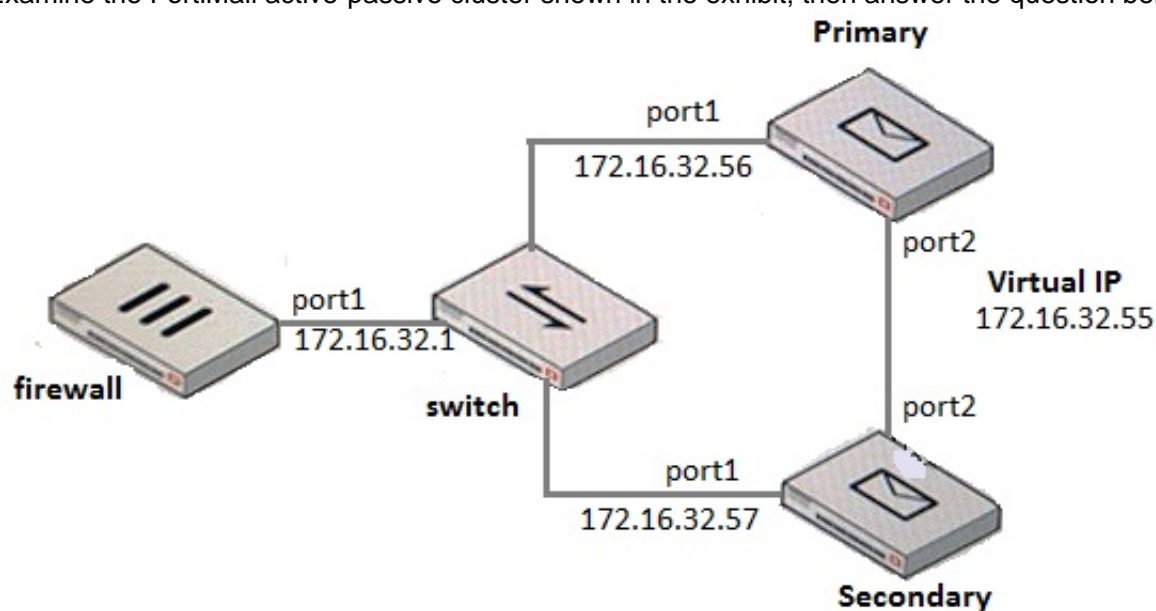
After creating the policy, an administrator discovered that clients are able to send unauthenticated email using SMTP. What must be done to ensure clients cannot send unauthenticated email?

- 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 40

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 43

Examine the FortiMail IBE service configuration shown in the exhibit; then answer the question below.

IBE Encryption

Enable IBE service

☒

IBE service name:

Example Secure Portal

User registration expiry time (days):

30

User inactivity expiry time (days):

90

Encrypted email storage expiry time (days):

180

Password reset expiry time (hours):

24

Allow secure replying

☒

Allow secure forwarding

☐

Allow secure composing

☐

IBE base URL:

"Help" content URL:

"About" content URL:

Allow custom user control

☐

Which of the following statements describes the User inactivity expiry time of 90 days?

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

Answer: D

NEW QUESTION 45

Examine the message column of a log cross search result of an inbound email shown in the exhibit; then answer the question below



Based on logs, which of the following statements are true? (Choose two.)

- A. The FortiMail is experiencing issues delivering the email to the back-end mail server
- B. The logs were generated by a server mode FortiMail
- C. The logs were generated by a gateway or transparent mode FortiMail
- D. The FortiMail is experiencing issues accepting the connection from the remote sender

**Answer:** AC

#### NEW QUESTION 49

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