

Cisco

300-720

Securing Email with Cisco Email Security Appliance

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Question: 1

Which SMTP extension does Cisco ESA support for email security?

- A. ETRN
- B. UTF8SMTP
- C. PIPELINING
- D. STARTTLS

Answer: D

Explanation:

STARTTLS is an SMTP extension that allows email servers to negotiate a secure connection using TLS or SSL encryption. Cisco ESA supports STARTTLS for both inbound and outbound email delivery.

Reference: User Guide for AsyncOS 15.0 for Cisco Secure Email Gateway, page 5-2.

Reference: https://www.cisco.com/c/en/us/td/docs/security/esa/esa12-0/user_guide/b_ESA_Admin_Guide_12_0/b_ESA_Admin_Guide_12_0_chapter_011000.html

Question: 2

Which feature utilizes sensor information obtained from Talos intelligence to filter email servers connecting into the Cisco ESA?

- A. SenderBase Reputation Filtering
- B. Connection Reputation Filtering
- C. Talos Reputation Filtering
- D. SpamCop Reputation Filtering

Answer: A

Explanation:

SenderBase Reputation Filtering is a feature that allows Cisco ESA to reject or throttle connections from email servers based on their reputation score, which is calculated by Talos using sensor information from various sources.

Reference: User Guide for AsyncOS 15.0 for Cisco Secure Email Gateway, page 6-2.

Question: 3

When the Spam Quarantine is configured on the Cisco ESA, what validates end-users via LDAP during

login to the End-User Quarantine?

- A. Enabling the End-User Safelist/Blocklist feature
- B. Spam Quarantine External Authentication Query
- C. Spam Quarantine End-User Authentication Query
- D. Spam Quarantine Alias Consolidation Query

Answer: C

Explanation:

Spam Quarantine End-User Authentication Query is a query that Cisco ESA performs against an LDAP server to validate the end-user credentials during login to the End-User Quarantine.

Reference: User Guide for AsyncOS 15.0 for Cisco Secure Email Gateway, page 10-9.

Reference: <https://www.cisco.com/c/en/us/support/docs/security/email-security-appliance/118692-configure-esa-00.html>

Question: 4

Which benefit does enabling external spam quarantine on Cisco SMA provide?

- A. ability to back up spam quarantine from multiple Cisco ESAs to one central console
- B. access to the spam quarantine interface on which a user can release, duplicate, or delete
- C. ability to scan messages by using two engines to increase a catch rate
- D. ability to consolidate spam quarantine data from multiple Cisco ESA to one central console

Answer: D

Explanation:

External spam quarantine is a feature that allows Cisco SMA to store and manage spam messages quarantined by multiple Cisco ESAs in one central location, providing a unified view and administration of the spam quarantine data.

Reference: User Guide for AsyncOS 15.0 for Cisco Secure Email Gateway, page 10-3.

Reference: https://www.cisco.com/c/en/us/td/docs/security/security_management/sma/sma11-0/user_guide/b_SMA_Admin_Guide/b_SMA_Admin_Guide_chapter_010101.html

Question: 5

When email authentication is configured on Cisco ESA, which two key types should be selected on the signing profile? (Choose two.)

- A. DKIM
- B. Public Keys
- C. Domain Keys
- D. Symmetric Keys

E. Private Keys

Answer: BE

Explanation:

With DomainKeys or DKIM email authentication, the sender signs the email using public key cryptography. Configuring DomainKeys and DKIM Signing A signing key is the private key stored on the appliance. https://www.cisco.com/c/en/us/td/docs/security/esa/esa11-1/user_guide/b_ESA_Admin_Guide_11_1/b_ESA_Admin_Guide_chapter_010101.html?bookSearch=true

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