

¶ EASY (Q1–Q10)

Q1. Email delivery primarily uses which protocol for sending mail?

- A. POP3
- B. IMAP
- C. SMTP
- D. HTTP

Q2. Which protocol is used by mail clients to retrieve emails?

- A. SMTP
- B. FTP
- C. POP3/IMAP
- D. SNMP

Q3. Postfix is best described as:

- A. Mail client
- B. Mail Transfer Agent (MTA)
- C. Mail Delivery Agent (MDA)
- D. Webmail client

Q4. Dovecot is primarily used as:

- A. SMTP server
- B. DNS server
- C. Mail delivery and access server
- D. Web server

Q5. Which port is used by SMTP by default?

- A. 25
- B. 110
- C. 143
- D. 993

Q6. Which port is used by IMAP?

- A. 25
- B. 110
- C. 143
- D. 465

Q7. Which port is used by POP3?

- A. 25
- B. 110
- C. 143
- D. 587

Q8. Which webmail application is written in PHP?

- A. Roundcube

- B. Horde
- C. SquirrelMail
- D. All of the above

Q9. Which file contains Postfix main configuration?

- A. /etc/mail/postfix.conf
- B. /etc/postfix/main.cf
- C. /etc/postfix/master.cf
- D. /etc/mail/main.cf

Q10. Which directory stores user mailboxes by default (Maildir)?

- A. /var/mail
 - B. /home/user/Maildir
 - C. /etc/mail
 - D. /usr/mail
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MEDIUM (Q11–Q25)

Q11. Which Postfix component handles SMTP daemon service?

- A. smtpd
- B. cleanup
- C. pickup
- D. qmgr

Q12. Which file defines Postfix service processes and ports?

- A. main.cf
- B. master.cf
- C. aliases
- D. access

Q13. Which protocol keeps emails on the server by default?

- A. POP3
- B. SMTP
- C. IMAP
- D. FTP

Q14. Which command reloads Postfix configuration safely?

- A. postfix restart
- B. postfix reload
- C. systemctl stop postfix
- D. mail reload

Q15. Which Dovecot file configures authentication mechanisms?

- A. dovecot.conf

- B. auth.conf
- C. 10-auth.conf
- D. mail.conf

Q16. Which command tests SMTP connectivity manually?

- A. ping
- B. telnet
- C. ftp
- D. curl

Q17. Which email component stores messages locally for users?

- A. MTA
- B. MUA
- C. MDA
- D. DNS

Q18. Which file maps email aliases to real users?

- A. /etc/postfix/aliases
- B. /etc/aliases
- C. /etc/mail/aliases
- D. All of the above

Q19. Which command rebuilds alias database?

- A. newaliases
- B. postmap
- C. makemap
- D. aliasctl

Q20. Which encryption protocol secures IMAP connections?

- A. SSL/TLS
- B. IPSec
- C. Kerberos
- D. DNSSEC

Q21. Which Dovecot service provides POP3 access?

- A. imap
- B. lmtp
- C. pop3
- D. smtp

Q22. Which file defines Postfix relay restrictions?

- A. main.cf
- B. master.cf
- C. access
- D. aliases

Q23. Which web server is commonly used to host SquirrelMail?

- A. Nginx
- B. Apache
- C. Lighttpd
- D. IIS

Q24. Which mail format stores each email as a separate file?

- A. mbox
- B. Maildir
- C. pst
- D. eml

Q25. Which SMTP port is recommended for secure submission?

- A. 25
 - B. 110
 - C. 465/587
 - D. 143
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HARD (Q26–Q40)

Q26. Which sequence correctly represents email flow?

- A. MUA → MDA → MTA → DNS
- B. MUA → MTA → DNS → MTA → MDA
- C. MTA → MUA → DNS → MDA
- D. DNS → MTA → MUA → MDA

Q27. Why is Postfix preferred over Sendmail in modern systems?

- A. Smaller size only
- B. Better security architecture
- C. GUI support
- D. Built-in webmail

Q28. Which Postfix parameter prevents open relay?

- A. myhostname
- B. mydestination
- C. smtpd_recipient_restrictions
- D. inet_interfaces

Q29. Which DNS record is essential for receiving email?

- A. A
- B. NS
- C. MX
- D. PTR

Q30. Which Dovecot feature integrates with centralized authentication?

- A. Local users only
- B. PAM/LDAP support
- C. Anonymous login
- D. Flat files

Q31. Which security risk exists if SMTP relay is misconfigured?

- A. Mail loss
- B. Open relay abuse
- C. Disk fragmentation
- D. DNS failure

Q32. Which Postfix tool manages lookup tables?

- A. newaliases
- B. postmap
- C. postfix-admin
- D. mailq

Q33. Why is TLS critical in mail servers?

- A. Faster mail delivery
- B. Encrypted credentials and data
- C. Smaller mail size
- D. Better spam filtering

Q34. Which Dovecot mailbox format is most crash-resilient?

- A. mbox
- B. Maildir
- C. pst
- D. raw

Q35. Which Postfix queue holds deferred emails?

- A. incoming
- B. active
- C. deferred
- D. bounce

Q36. Which authentication method prevents plaintext password exposure?

- A. LOGIN
- B. PLAIN
- C. CRAM-MD5
- D. ANONYMOUS

Q37. Which webmail security best practice applies?

- A. HTTP access
- B. Disable authentication

- C. HTTPS with TLS
- D. Anonymous login

Q38. Which mail server log is most useful for troubleshooting delivery issues?

- A. /var/log/messages
- B. /var/log/secure
- C. /var/log/maillog
- D. /var/log/httpd

Q39. Which protocol allows server-to-server mail transfer?

- A. POP3
- B. IMAP
- C. SMTP
- D. HTTP

Q40. Which principle best improves mail server security?

- A. Open relay
- B. Default configuration
- C. Least privilege & encryption
- D. Anonymous access