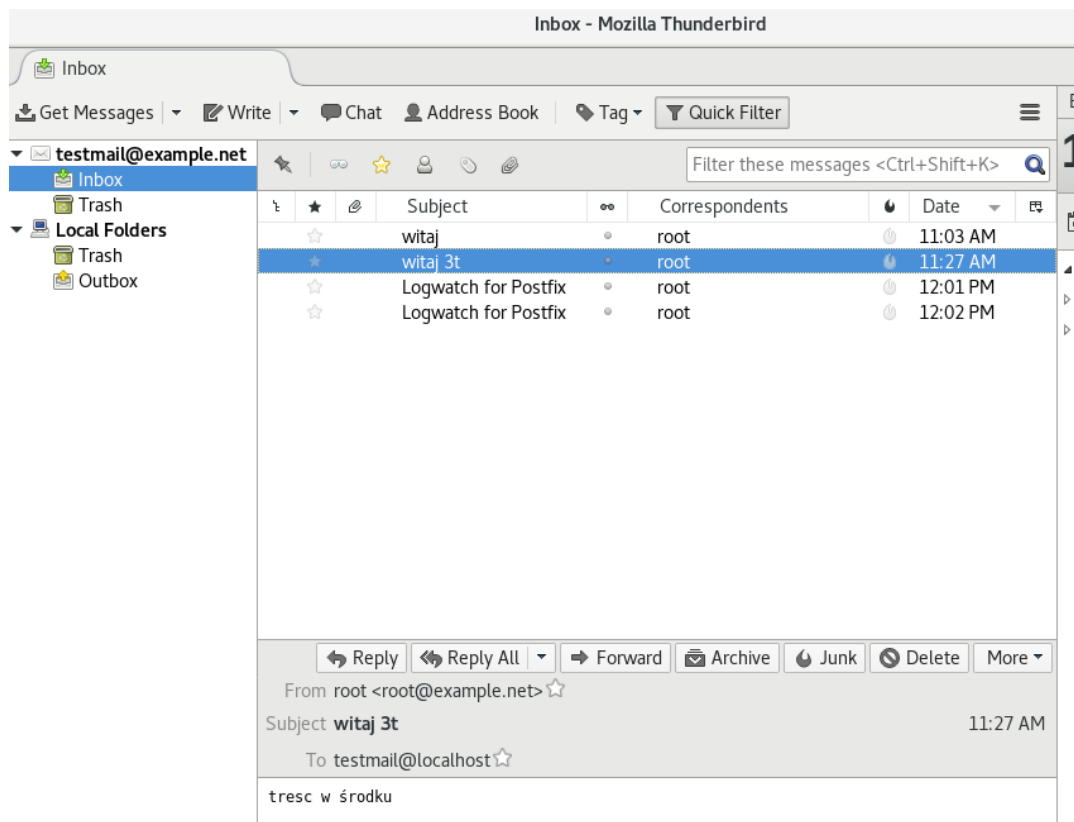


Ćwiczenia 50 – instalacja i konfiguracja serwera poczty

1. Zaloguj się na swoje konto w trybie graficznym.
2. Zainstaluj pakiety: `dnf -y install postfix dovecot mailx mutt thunderbird postfix-perl-scripts`
3. Skonfiguruj postfix (domena `example.net`, sieć `198.51.100.0/24`)
 - a) `vi /etc/postfix/main.cf`
 - b) `myhostname = server.example.net`
 - c) `mydomain = example.net`
 - d) `myorigin = $mydomain`
 - e) `inet_interfaces = all`
 - f) `inet_protocols = ipv4`
 - g) `mydestination = $myhostname, localhost.$mydomain, localhost, $mydomain`
 - h) `mynetworks = 127.0.0.0/8, 198.51.100.0/24`
 - i) `home_mailbox = Maildir/`
 - j) `smtpd_banner = $myhostname ESMTP`
 - k) `message_size_limit = 10485760`
 - l) `mailbox_size_limit = 1073741824`
 - m) `smtpd_sasl_type = dovecot`
 - n) `smtpd_sasl_path = private/auth`
 - o) `smtpd_sasl_auth_enable = yes`
 - p) `smtpd_sasl_security_options = noanonymous`
 - q) `smtpd_sasl_local_domain = $myhostname`
 - r) `smtpd_recipient_restrictions = permit_mynetworks, permit_auth_destination, permit_sasl_authenticated, reject`
 - s) `systemctl start postfix`
 - t) `systemctl enable postfix`
4. Skonfiguruj dovecot
 - a) `vi /etc/dovecot/dovecot.conf`
 - b) `protocols = imap pop3 lmtp`
 - c) `listen = *, ::`
 - d) `vi /etc/dovecot/conf.d/10-auth.conf`
`disable_plaintext_auth = no`
`auth_mechanisms = plain login`
 - e) `vi /etc/dovecot/conf.d/10-mail.conf`

- f) `mail_location = maildir:~/Maildir`
- g) `vi /etc/dovecot/conf.d/10-master.conf`
`unix_listener /var/spool/postfix/private/auth {`
`mode = 0666`
`user = postfix`
`group = postfix`
`}`
- h) `vi /etc/dovecot/conf.d/10-ssl.conf`
`ssl = no`
- i) `systemctl start dovecot`
- j) `systemctl enable dovecot`
- 5. Ustaw zaporę:
`firewall-cmd --add-service={smtp,pop3,imap} --permanent`
`firewall-cmd --reload`
`firewall-cmd --list-all`
- 6. `echo 'export MAIL=$HOME/Maildir' >> /etc/profile.d/mail.sh`
- 7. Załóż konto w systemie: `useradd testmail` i `passwd testmail`
- 8. Skonfiguruj thunderbird dla konta testmail@example.net



- 9. Wyślij wiadomość testową: `echo „treść wiadomości” | mail -s „Tytuł np. witaj” testmail`
- 10. Sprawdź logi: `journalctl -f`

```

Apr 13 12:41:55 server postfix/pickup[17769]: 8E669109C1E0: uid=0 from=<root>
Apr 13 12:41:55 server postfix/cleanup[19007]: 8E669109C1E0: message-id=<20210413104155.8E669109C1E0@server.example.net>
Apr 13 12:41:55 server postfix/qmgr[12702]: 8E669109C1E0: from=<root@example.net>, size=443, nrcpt=1 (queue active)
Apr 13 12:41:55 server postfix/local[19009]: 8E669109C1E0: to=<testmail@localhost>, relay=local, delay=0.3, delays=0.19/0.02/0/0.09, dsn=2.1.0, status=sent (delivered to maildir)
Apr 13 12:41:55 server postfix/qmgr[12702]: 8E669109C1E0: removed

```

11. Wyślij wiadomość testową 2: mail -s „Witaj” testmail

potem podajemy treść maila

w nowym wierszu . (piszemy kropkę i enter)

12. Sprawdź pocztę w kliencie poczty **mail oraz mutt i thunderbird!!!**

```

[root@server postfix]# su testmail
[testmail@server postfix]$ mutt
Mailbox is unchanged.
[testmail@server postfix]$ mail
Heirloom Mail version 12.5 7/5/10. Type ? for help.
"/home/testmail/Maildir": 4 messages
> 1 root          Tue Apr 13 11:03 17/520  "witaj"
  2 root          Tue Apr 13 11:27 17/530  "witaj 3t"
  3 root          Tue Apr 13 12:01 110/3630 "Logwatch for Postfix"
  4 root          Tue Apr 13 12:02 188/5442 "Logwatch for Postfix"
& 2
Message 2:
From root@example.net Tue Apr 13 11:27:55 2021
Return-Path: <root@example.net>
X-Original-To: testmail@localhost
Delivered-To: testmail@localhost
Date: Tue, 13 Apr 2021 11:27:55 +0200
To: testmail@localhost
Subject: witaj 3t
User-Agent: Heirloom mailx 12.5 7/5/10
Content-Type: text/plain; charset=utf-8
From: root@example.net (root)
Status: R0

tresc w srodku

```

Z programu mutt:

```

root@server:~
q:Quit d:Del u:Undel s:Save m:Mail r:Reply g:Group ?:Help
1 Apr 13 root (0.1K) witaj
2 Apr 13 root (0.1K) witaj 3t
3 Apr 13 root (3.0K) Logwatch for Postfix
4 Apr 13 root (4.8K) Logwatch for Postfix
5 Apr 13 root (0.1K) witaj 3K

```

13. Sprawdź logi poczty: perl /usr/sbin/pflogsumm -d today /var/log/maillog

14. Wyślij wiadomość do testmail: perl /usr/sbin/pflogsumm -e -d today /var/log/maillog | mail -s 'Logwatch for Postfix' testmail

15. Ustaw crontaba:

crontab -e

send mail log summary every 5 minutes to root

* / 5 * * * * perl /usr/sbin/pflogsumm -e -d today /var/log/maillog | mail -s 'Logwatch for Postfix' root

16. Doinstalować amavisd, clamav i spamassassin

17. Sprawdzić działanie.