Workshop Email Server (Debian 10/Buster)

Oleh:

Idris Winarno

Server DNS

- Buat Server DNS untuk server email (buka PPT untuk pertemuan minggu ke-2)

```
;
; BIND data file for local loopback interface
;
$TTL      604800
@         IN        SOA       idris.my.id. root.idris.my.id. (
                                    2          ; Serial
                              604800           ; Refresh
                               86400           ; Retry
                             2419200           ; Expire
                              604800 )         ; Negative Cache TTL
;
@         IN        NS        idris.my.id.
@         IN        A         10.252.108.200
@         IN        AAAA      ::1
@         IN        MX        10 mail.idris.my.id
mail      IN        A         10.252.108.200
```

Instalasi MTA (postfix)
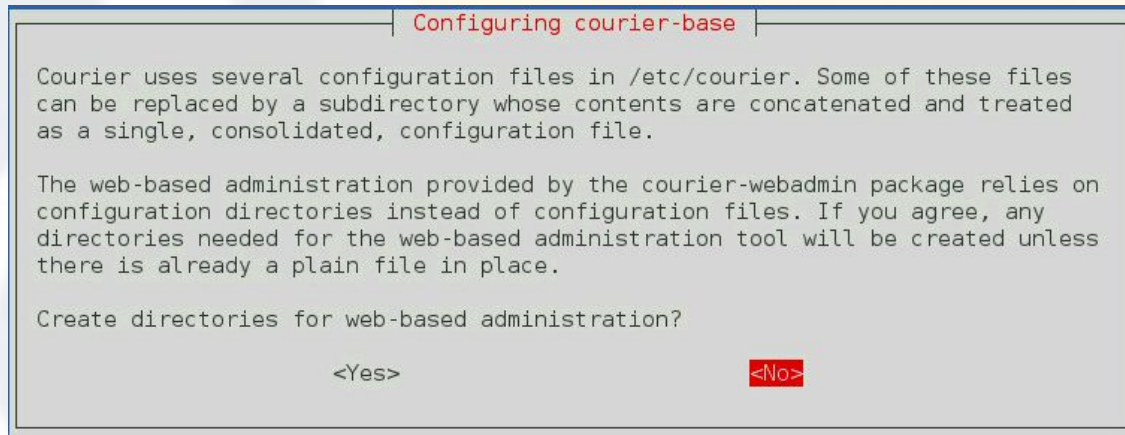
- # apt-get install postfix
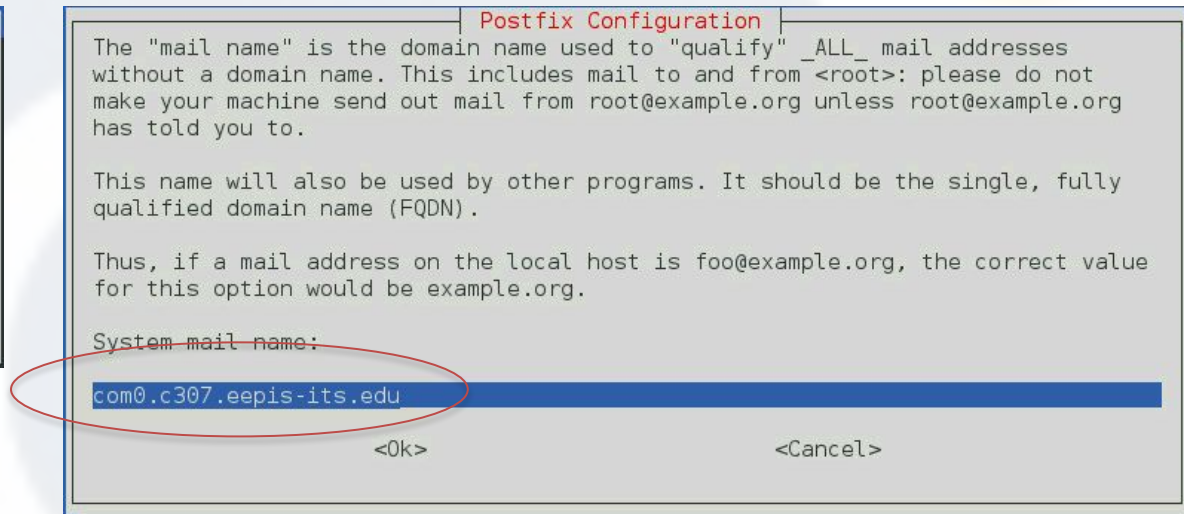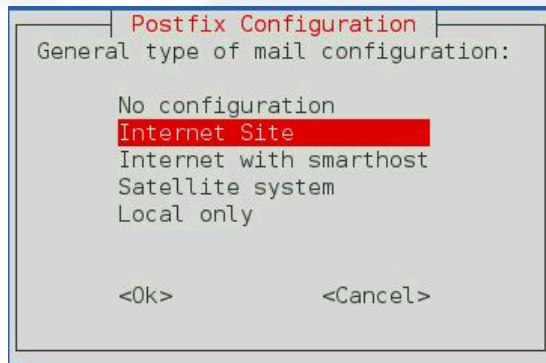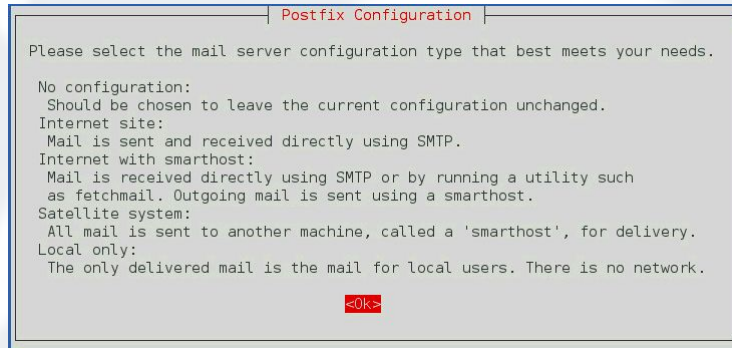
Konfigurasi MTA (postfix)

 # postconf -e "myhostname=com0.c307.eepis-its.edu"

```
root@debian:/var/cache/bind# postconf -e "home_mailbox=Maildir/"
root@debian:/var/cache/bind# postconf -e "mailbox_command="
root@debian:/var/cache/bind# /etc/init.d/postfix restart
[ ok ] Restarting postfix (via systemctl): postfix.service.
root@debian:/var/cache/bind#
```

Instalasi MDA (courier)

- # apt-get install courier-imap

```
┌─────────────────────┤ Configuring courier-base ├─────────────────────┐
│                                                                       │
│ Courier uses several configuration files in /etc/courier. Some of these files │
│ can be replaced by a subdirectory whose contents are concatenated and treated │
│ as a single, consolidated, configuration file.                        │
│                                                                       │
│ The web-based administration provided by the courier-webadmin package relies on │
│ configuration directories instead of configuration files. If you agree, any │
│ directories needed for the web-based administration tool will be created unless │
│ there is already a plain file in place.                                │
│                                                                       │
│ Create directories for web-based administration?                      │
│                                                                       │
│              <Yes>                              <No>                   │
│                                                                       │
└───────────────────────────────────────────────────────────────────────┘
```

Konfigurasi MDA (courier)

- # apt-get install courier-imap

```
root@debian:~# cd /etc/skel/
root@debian:/etc/skel# maildirmake Maildir
root@debian:/etc/skel# ls
Maildir
root@debian:/etc/skel# adduser coba
Adding user `coba' ...
Adding new group `coba' (1003) ...
Adding new user `coba' (1003) with group `coba' ...
Creating home directory `/home/coba' ...
Copying files from `/etc/skel' ...
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
Changing the user information for coba
Enter the new value, or press ENTER for the default
        Full Name []:
        Room Number []:
        Work Phone []:
        Home Phone []:
        Other []:
Is the information correct? [Y/n]
root@debian:/etc/skel# 
```

Ujicoba MDA (courier)

```
root@debian:/etc/skel# telnet localhost 143
Trying ::1...
Connected to localhost.
Escape character is '^]'.
* OK [CAPABILITY IMAP4rev1 UIDPLUS CHILDREN NAMESPACE THREAD=ORDEREDSUBJECT THREAD=REFE
RENCES SORT QUOTA IDLE ACL ACL2=UNION] Courier-IMAP ready. Copyright 1998-2011 Double P
recision, Inc.  See COPYING for distribution information.
a login coba coba
* OK [ALERT] Filesystem notification initialization error -- contact your mail administ
rator (check for configuration errors with the FAM/Gamin library)
a OK LOGIN Ok.
a logout
* BYE Courier-IMAP server shutting down
a OK LOGOUT completed
Connection closed by foreign host.
root@debian:/etc/skel#
```
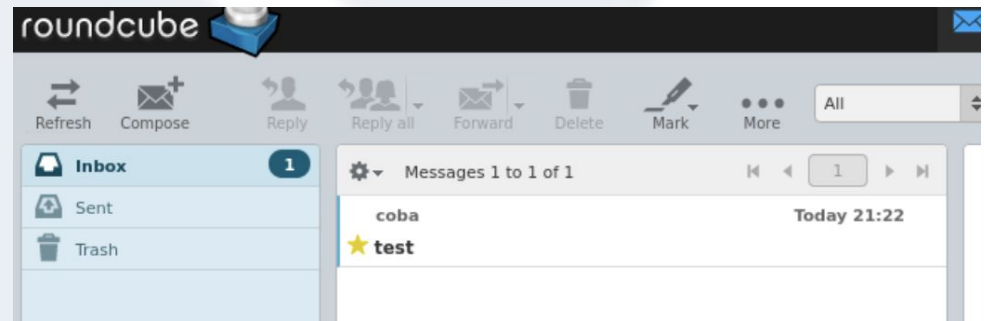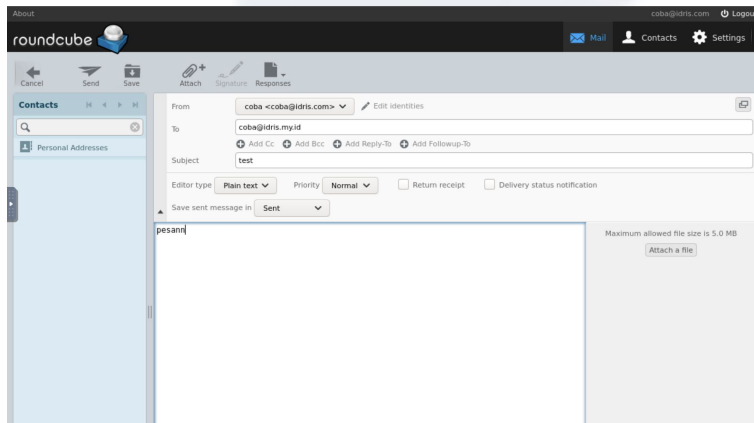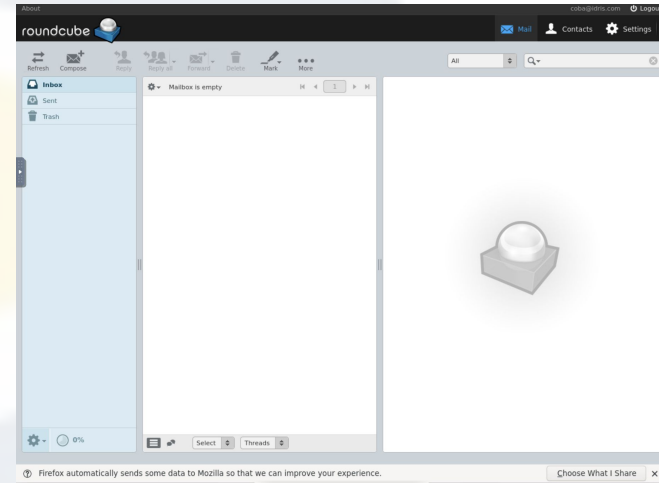
Instalasi MUA (Roundcube)

Sebelum melakukan instalasi roundcube pastikan MySQL/Mariadb sudah berjalan/terinstal.

- # apt-get install mariadb-server
- # systemctl restart mariadb

- # apt-get install roundcube
- # vim /etc/roundcube/apache2.conf
  hapus tanda # pada Alias /roundcube …….
- # vim /etc/roundcube/config.inc.php
  - default_host = 'domain.com'
  - smtp_user = '' & smtp_pass = ''
- # systemctl restart apache2

Pastikan mail server telah menggunakan DNS yang telah dibuat

Ujicoba

- http://domain/roundcube

TERIMA KASIH