

# Workshop Email Server (Debian 8/Jessie)

---

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
```

# Server DNS (Alt.)

---

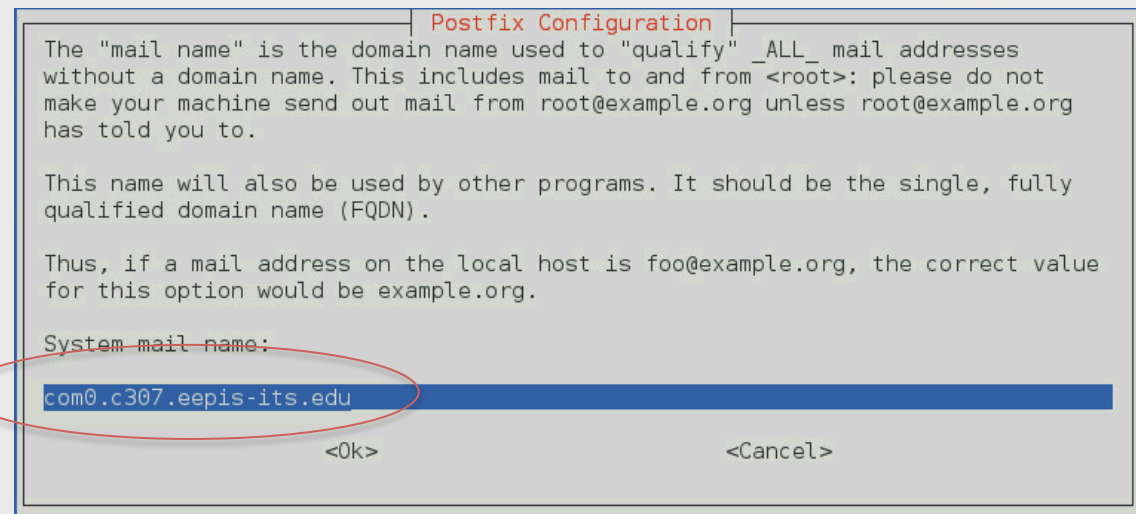
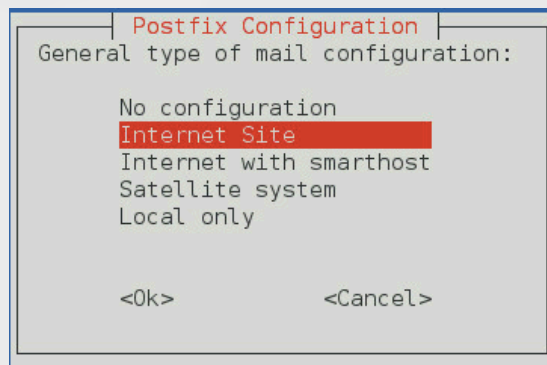
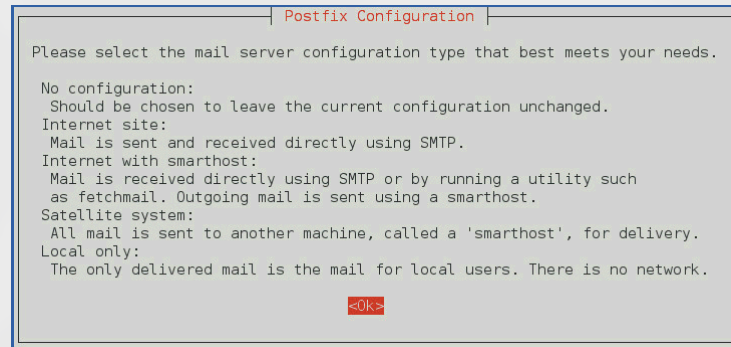
```
root@debian:/var/cache/bind# ifconfig eth0
eth0      Link encap:Ethernet  HWaddr 00:0f:fe:f7:42:fc
          inet addr:10.252.108.200  Bcast:10.252.108.255  Mask:255.255.255.0
          inet6 addr: fe80::20f:feff:fef7:42fc/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:398972 errors:0 dropped:0 overruns:0 frame:0
          TX packets:95507 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:595385190 (567.8 MiB)  TX bytes:6866006 (6.5 MiB)

root@debian:/var/cache/bind# nslookup 10.252.108.200
Server:    202.9.85.4
Address:    202.9.85.4#53

200.108.252.10.in-addr.arpa      name = com0.c307.eepis-its.edu.
```

# Instalasi MTA (postfix)

- # apt-get install postfix



# Konfigurasi MTA (postfix)

---

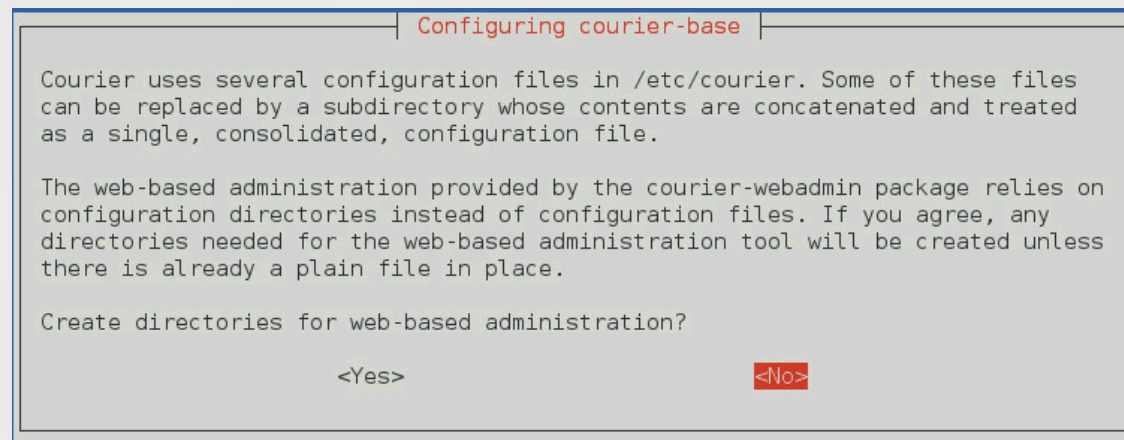
**# postfix -e "myhostname=com0.c307.eepis-its.edu"**

```
root@debian:/var/cache/bind# postfix -e "home_mailbox=Maildir/"
root@debian:/var/cache/bind# postfix -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`



# 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=REFERENCES SORT QUOTA IDLE ACL ACL2=UNION] Courier-IMAP ready. Copyright 1998-2011 Double Precision, Inc. See COPYING for distribution information.
a login coba coba
* OK [ALERT] Filesystem notification initialization error -- contact your mail administrator (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 (Squirrelmail)

---

- `# apt-get install squirrelmail`
- `# ln -s /usr/share/squirrelmail /var/www/html/mail`

# Ujicoba

- <http://localhost/mail>



**SquirrelMail**  
webmail  
for  
nuts

SquirrelMail version 1.4.23 [SVN]  
By the SquirrelMail Project Team

**SquirrelMail Login**

Name:

Password:

**Folders**  
Last Refresh:  
Tue, 2:18 pm  
(Check mail)

- INBOX  
Drafts  
Sent  
Trash

Current Folder: **INBOX** [Sign Out](#)  
[Compose](#) [Addresses](#) [Folders](#) [Options](#) [Search](#) [Help](#) [SquirrelMail](#)

Move Selected To:

Transform Selected Messages:

From	Date	Subject
THIS FOLDER IS EMPTY		

**Folders**  
Last Refresh:  
Tue, 2:18 pm  
(Check mail)

- INBOX  
Drafts  
Sent  
Trash

Current Folder: **INBOX** [Sign Out](#)  
[Compose](#) [Addresses](#) [Folders](#) [Options](#) [Search](#) [Help](#) [SquirrelMail](#)

To:

Cc:

Bcc:

Subject:

Priority: Normal ☒ Receipt: ☐ On Read ☐ On Delivery

Attach:  No file chosen  (max. 2 M)

**Folders**  
Last Refresh:  
Tue, 2:18 pm  
(Check mail)

- INBOX  
Drafts  
Sent  
Trash

Current Folder: **INBOX** [Sign Out](#)  
[Compose](#) [Addresses](#) [Folders](#) [Options](#) [Search](#) [Help](#) [SquirrelMail](#)

[Toggle All](#) Viewing Message: **1** (1 total)

Move Selected To:

Transform Selected Messages:

From	Date	Subject
<input type="checkbox"/> <a href="#">coba@com0.c307.eepis-its.edu</a>	2:19 pm	<a href="#">coba</a>

[Toggle All](#) Viewing Message: **1** (1 total)

# Aliases

---

# Konfigurasi Alias

- # vim /etc/aliases
- # newaliases

```
# /etc/aliases
mailer-daemon: postmaster
postmaster: root
nobody: root
hostmaster: root
usenet: root
news: root
webmaster: root
www: root
ftp: root
abuse: root
noc: root
security: root
test: coba
```

Current Folder: INBOX

[Compose](#) [Addresses](#) [Folders](#) [Options](#) [Search](#) [Help](#)

To: test@com0.c307.eepis-its.edu

Cc:

Bcc:

Subject: test alias

Priority: Normal  Receipt: ☐ On Read ☐ On Delivery

**Folders**  
Last Refresh:  
Tue, 2:18 pm  
(Check mail)

- INBOX
- Drafts
- Sent
- Trash

Current Folder: INBOX [Sign Out](#)

[Compose](#) [Addresses](#) [Folders](#) [Options](#) [Search](#) [Help](#) [SquirrelMail](#)

[Toggle All](#) Viewing Messages: 1 to 2 (2 total)

Move Selected To:

Transform Selected Messages:

From	Date	Subject
<input type="checkbox"/> coba@com0.c307.eepis-its.edu	2:23 pm	<a href="#">test alias</a>
<input type="checkbox"/> coba@com0.c307.eepis-its.edu	2:19 pm	<a href="#">coba</a>

[Toggle All](#) Viewing Messages: 1 to 2 (2 total)