

# Roundcube: PGP (Debian 8/Jessie)

---

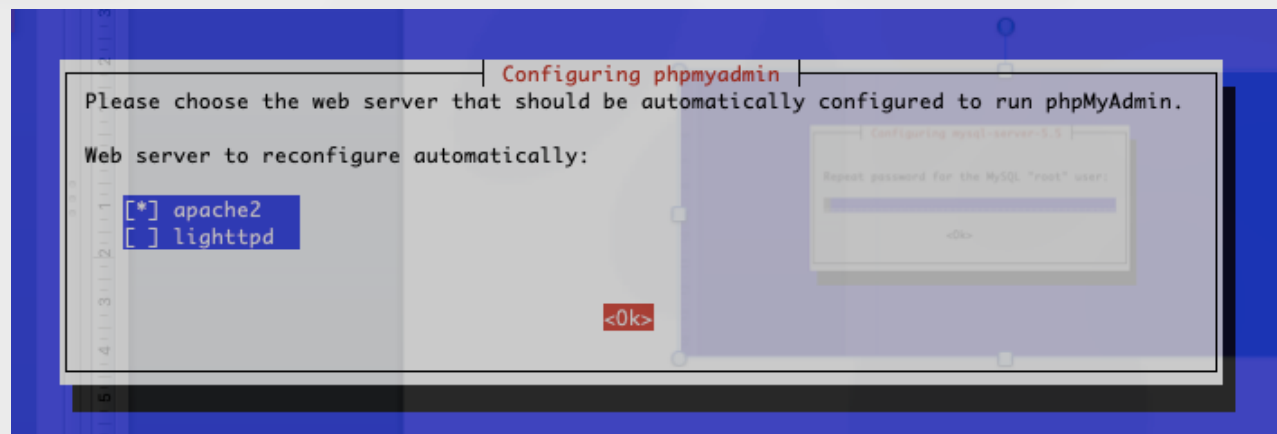
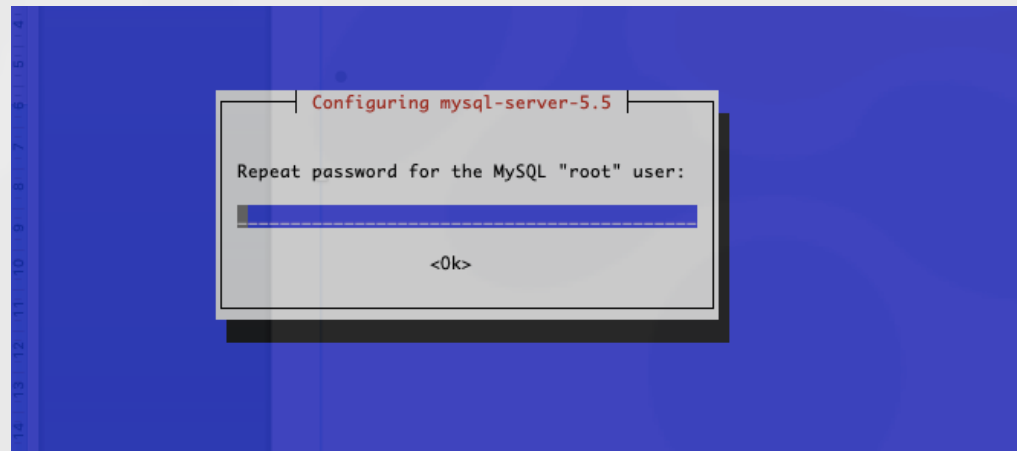
Oleh:

Idris Winarno

# Instalasi: Web server/PHP/MySQL

---

- # apt-get install apache2 php5 mysql-server phpmyadmin



# Instalasi: Cek IP dan domain

---

- Cek IP: # ifconfig
- Cek domain: # nslookup <ip address>

```
root@debian:/home/student# ifconfig
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
          inet6 addr: 2001:df0:a8:108:20f:feff:fef7:42fc/64 Scope:Global
          inet6 addr: 2001:df0:a8:108:9438:27e2:ee9f:b9fc/64 Scope:Global
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:34924 errors:0 dropped:0 overruns:0 frame:0
          TX packets:9656 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:39141299 (37.3 MiB)  TX bytes:1227882 (1.1 MiB)
          Interrupt:19 Memory:f0500000-f0520000

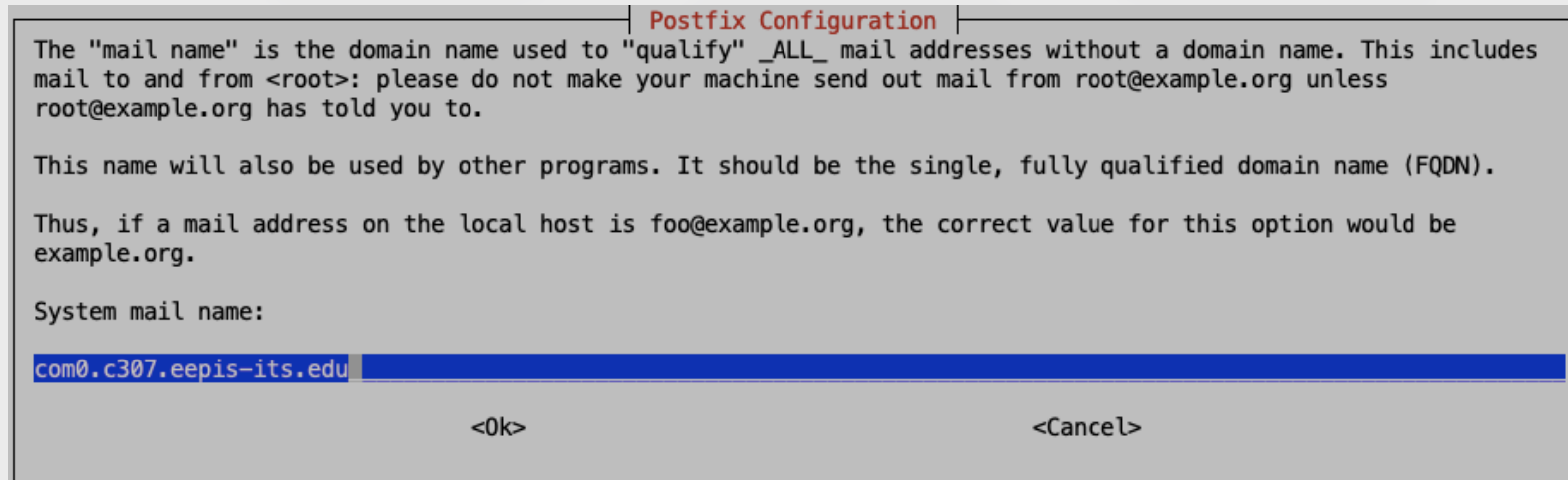
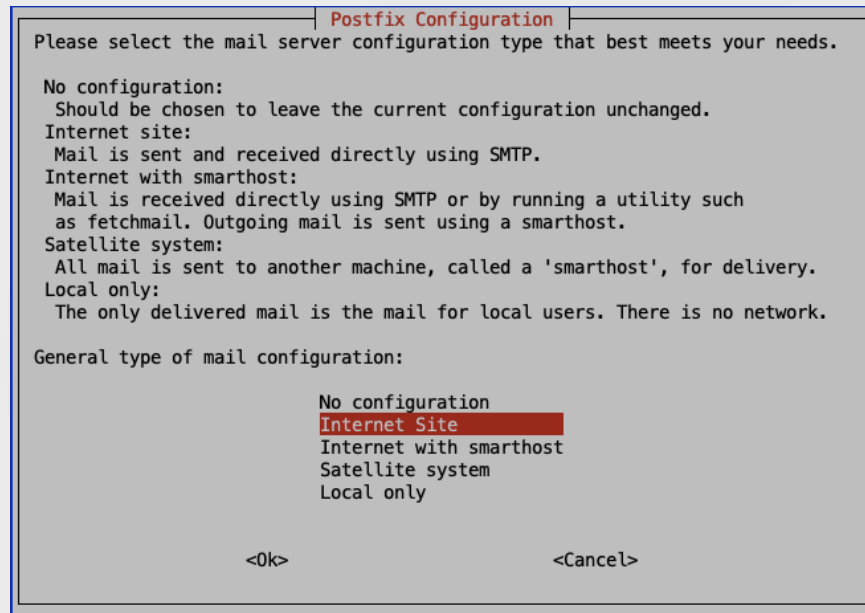
lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:65536  Metric:1
          RX packets:163 errors:0 dropped:0 overruns:0 frame:0
          TX packets:163 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:15469 (15.1 KiB)  TX bytes:15469 (15.1 KiB)

root@debian:/home/student# 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: Mail Server

- # apt-get install postfix courier-imap



# Konfigurasi: Postfix dan IMAP

---

## Postfix:

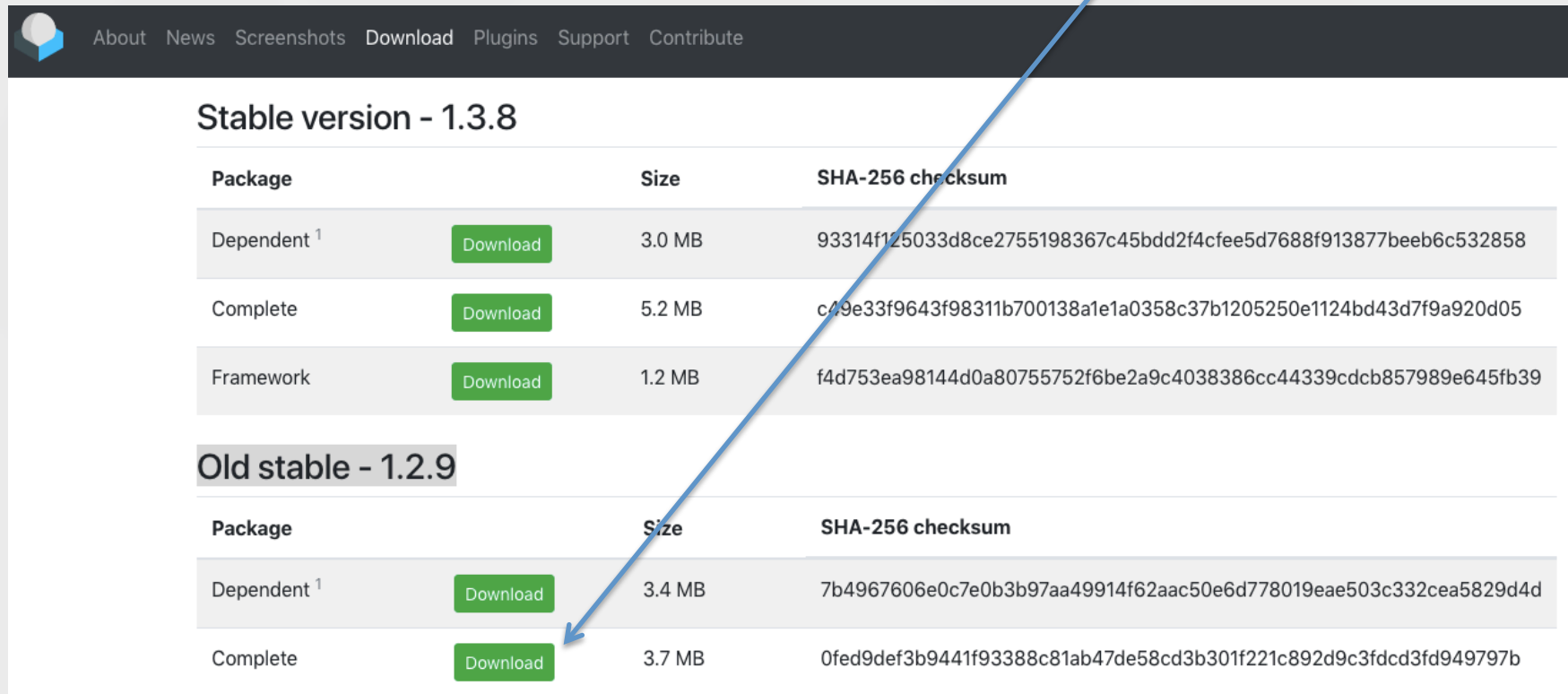
- # postfix -e "home\_mailbox=Maildir/"
- # postfix -e "mailbox\_command="
- # /etc/init.d/postfix restart

## IMAP:

- # cd /etc/skel
- # maildirmake Maildir/
- # adduser user

# Roundcube: Download installer

Download versi: Old stable - 1.2.9 (complete)



The screenshot shows the Roundcube download page. At the top, there is a navigation bar with links: About, News, Screenshots, Download, Plugins, Support, and Contribute. Below this, the page is divided into two sections: 'Stable version - 1.3.8' and 'Old stable - 1.2.9'. Each section contains a table with columns for Package, Size, and SHA-256 checksum. A blue arrow points from the text above to the 'Download' button for the 'Complete' package in the 'Old stable - 1.2.9' section.

Package	Size	SHA-256 checksum
Dependent <sup>1</sup>	3.0 MB	93314f125033d8ce2755198367c45bdd2f4cfee5d7688f913877beeb6c532858
Complete	5.2 MB	c49e33f9643f98311b700138a1e1a0358c37b1205250e1124bd43d7f9a920d05
Framework	1.2 MB	f4d753ea98144d0a80755752f6be2a9c4038386cc44339cdcb857989e645fb39

Package	Size	SHA-256 checksum
Dependent <sup>1</sup>	3.4 MB	7b4967606e0c7e0b3b97aa49914f62aac50e6d778019eae503c332cea5829d4d
Complete	3.7 MB	0fed9def3b9441f93388c81ab47de58cd3b301f221c892d9c3fdcd3fd949797b

# Roundcube: ekstrak tgz

---

- `# cd /var/www/html`
- `# tar xzvf /home/student/Downloads/roundcubemail-1.2.9-complete.tar.gz`
- `# ln -s roundcubemail-1.2.9 mail`

# Roundcube: Menyiapkan DB roundcube

---

```
[root@debian:/var/www/html# mysql -u root -p
[Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 52
Server version: 5.5.60-0+deb8u1 (Debian)

Copyright (c) 2000, 2018, Oracle and/or its affiliates. All rights reserved.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

[mysql> CREATE DATABASE roundcubemail;
Query OK, 1 row affected (0.00 sec)

[mysql> GRANT ALL PRIVILEGES ON roundcubemail.* TO roundcube@localhost IDENTIFIED BY 'pass';
Query OK, 0 rows affected (0.00 sec)

[mysql> flush privileges;
Query OK, 0 rows affected (0.00 sec)
```



# Roundcube: Menyiapkan DB roundcube

---

```
# cd /var/www/html/roundcube-1.2.9/SQL
```

```
# mysql -u root -p roundcubemail < ./mysql.initial.sql
```

```
[root@debian:/var/www/html# cd roundcubemail-1.2.9/SQL
[root@debian:/var/www/html/roundcubemail-1.2.9/SQL# mysql -u root -p roundcubemail < ./mysql.initial.sql
[Enter password:
root@debian:/var/www/html/roundcubemail-1.2.9/SQL# █
```

# Roundcube: Aktifkan plugins ENIGMA

---

```
# cd /var/www/html/roundcube-1.2.9/config
# cp config.inc.php.sample config.inc.php
# vim config.inc.php
```

```
// List of active plugins (in plugins/ directory)
$config['plugins'] = array(
    'archive',
    'zipdownload',
);
```

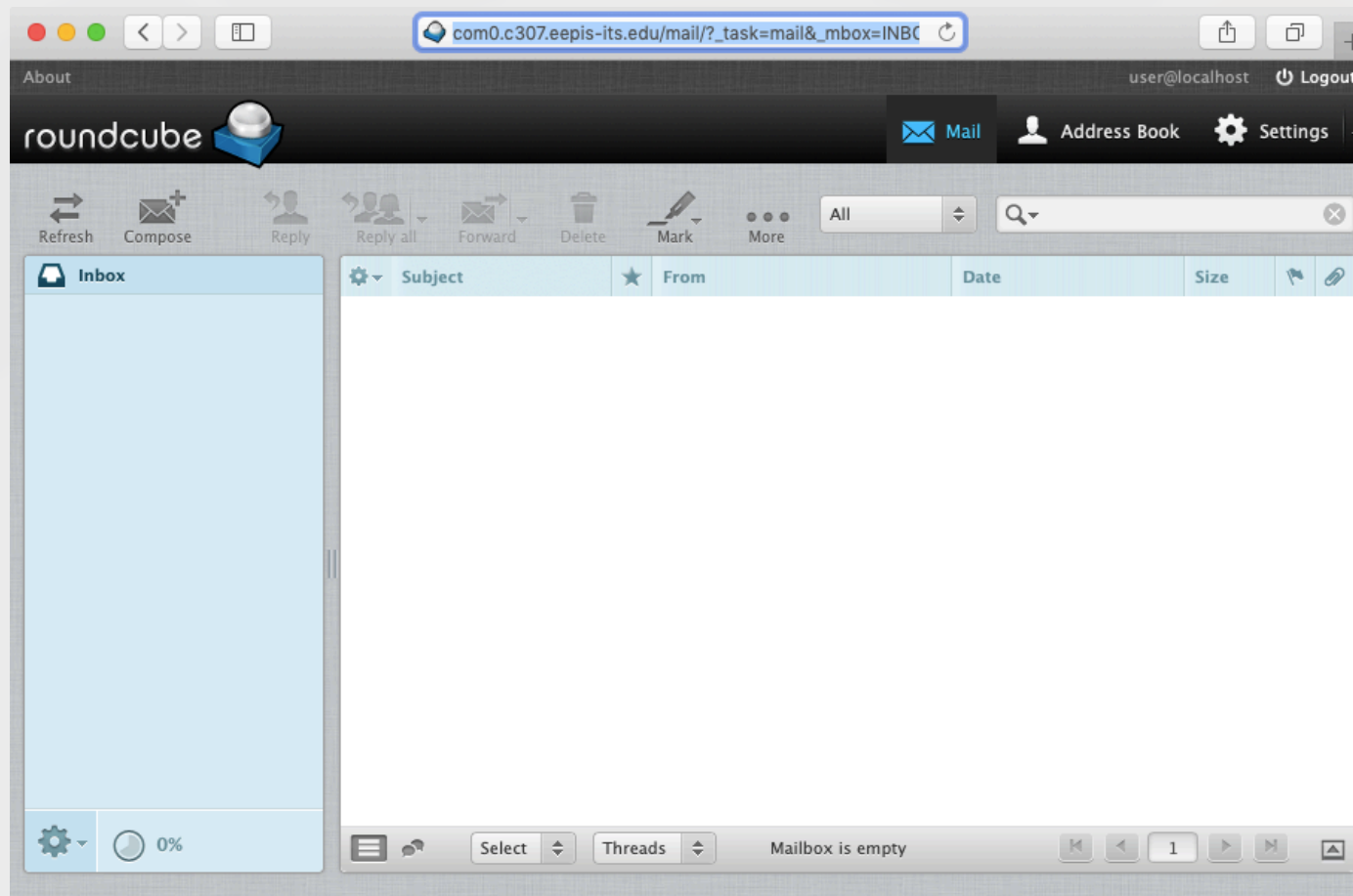


```
// List of active plugins (in plugins/ directory)
$config['plugins'] = array(
    'archive',
    'zipdownload',
    'enigma',
);
```

# Roundcube: akses roundcube

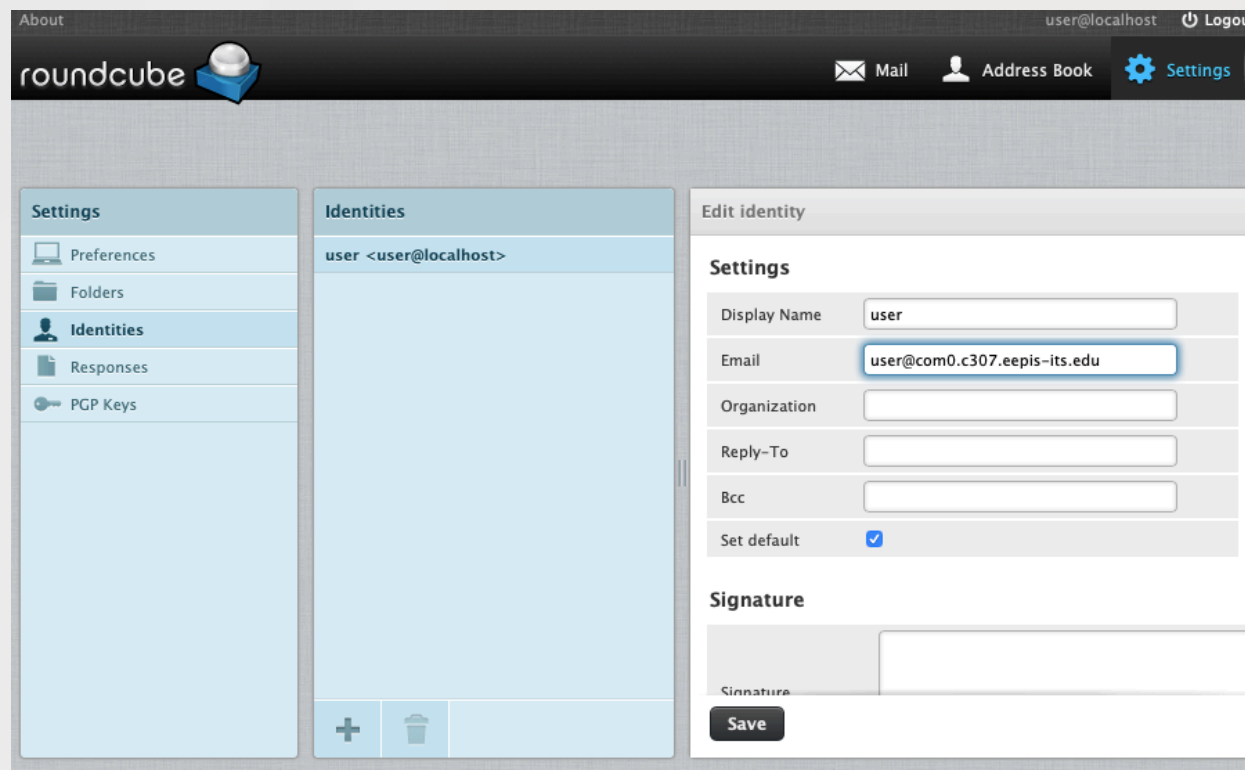
---

Buka browser dan akses url/mail



# Roundcube: Update identitas

Settings → identities



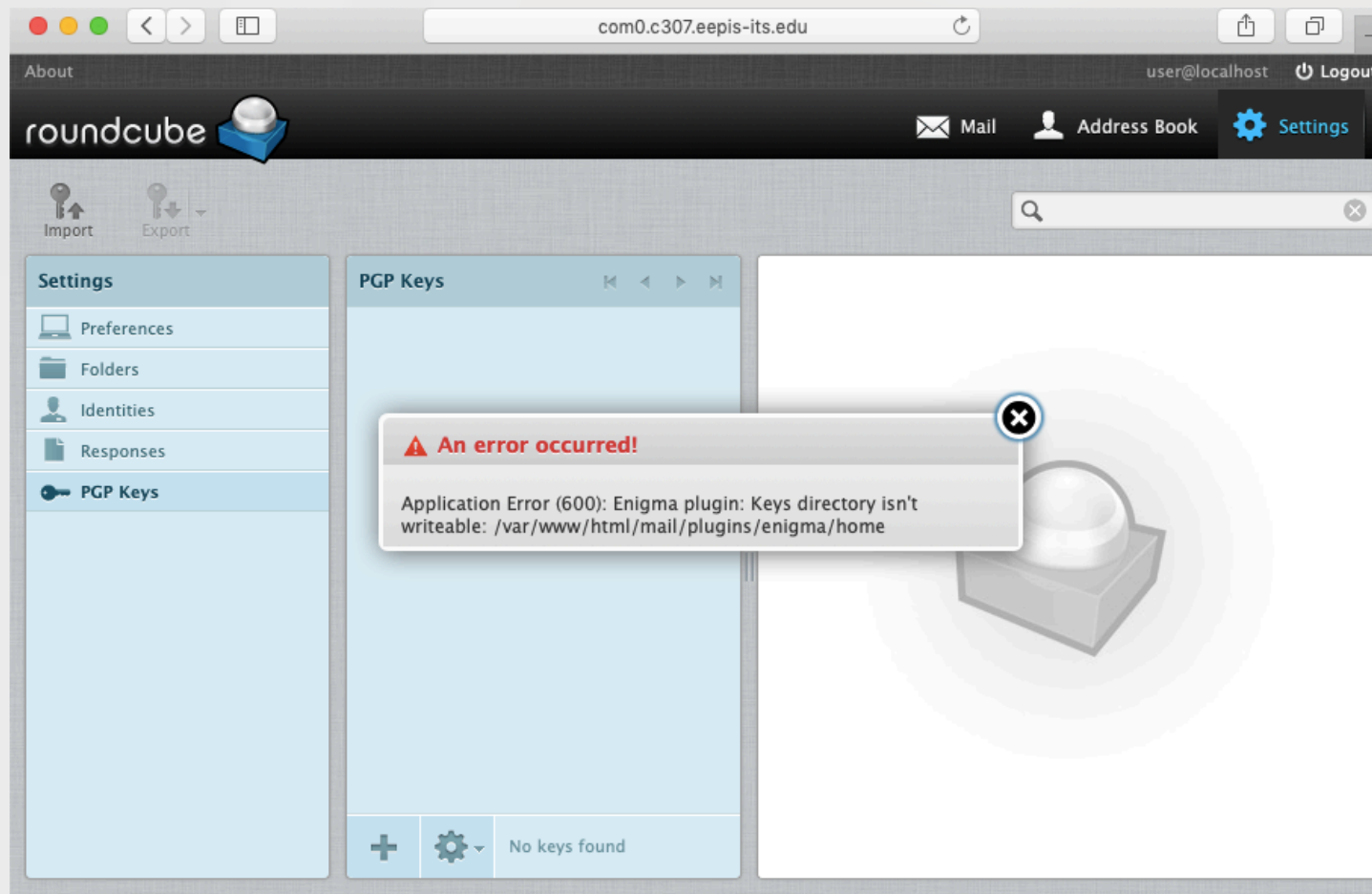
The screenshot displays the Roundcube webmail interface. At the top, the header includes the Roundcube logo, navigation links for 'About', 'Mail', 'Address Book', and 'Settings', and a 'Logout' button. The main content area is divided into three panels:

- Settings Panel:** A sidebar menu with options: Preferences, Folders, Identities (selected), Responses, and PGP Keys.
- Identities Panel:** A list of identities. One identity is visible: 'user <user@localhost>'. Below the list are '+', 'trash', and '-' icons.
- Edit identity Panel:** A form for editing the selected identity. It includes fields for:
  - Display Name: user
  - Email: user@com0.c307.eepis-its.edu
  - Organization: (empty)
  - Reply-To: (empty)
  - Bcc: (empty)
  - Set default:A 'Signature' section is also present with a text area and a 'Save' button.

# Roundcube: PGP roundcube

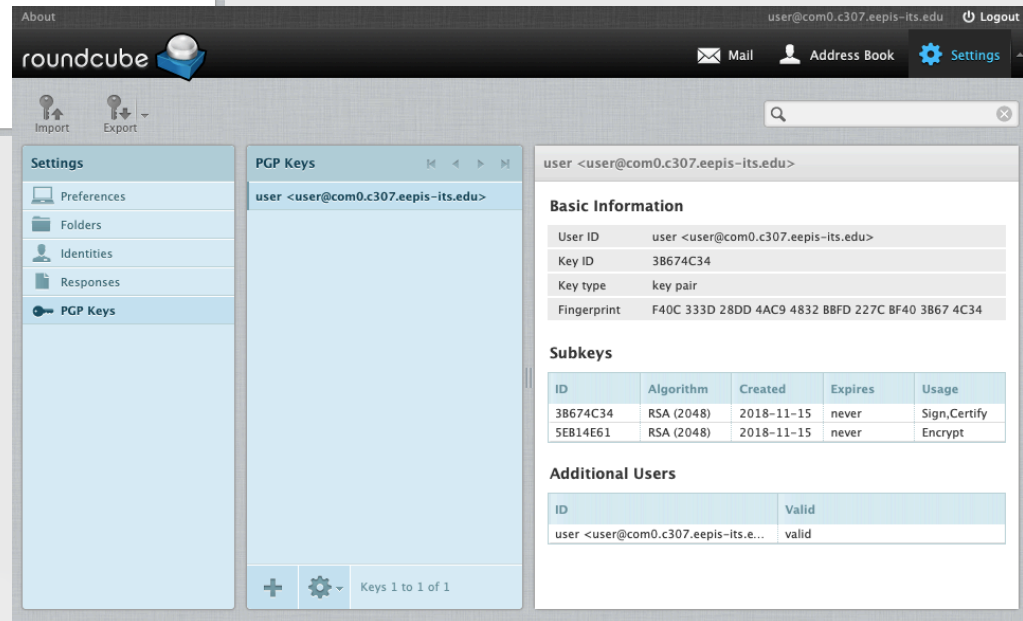
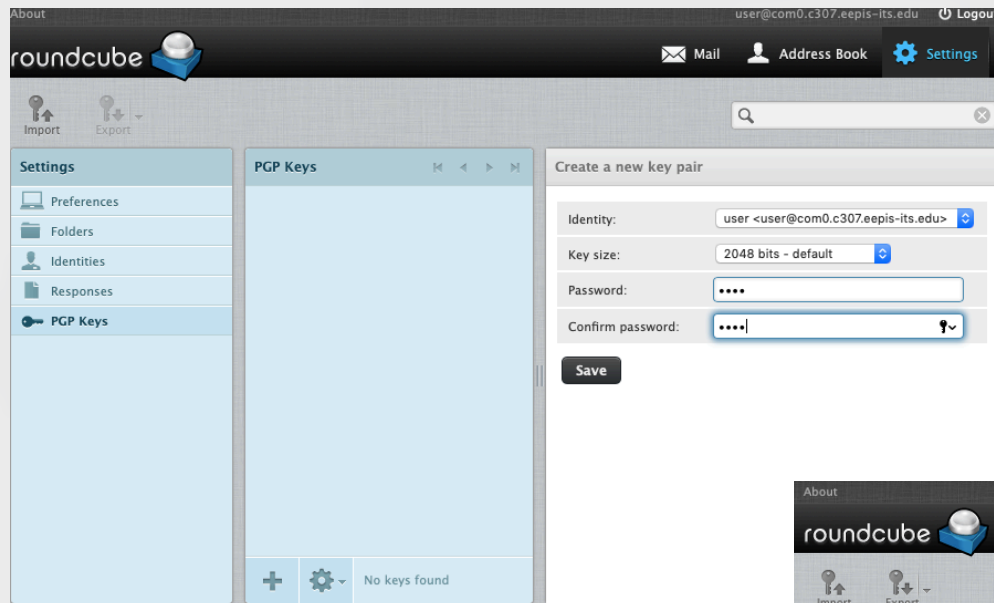
Settings → PGP Keys

```
# chown www-data:www-data /var/www/html/mail/plugins/enigma/home
```



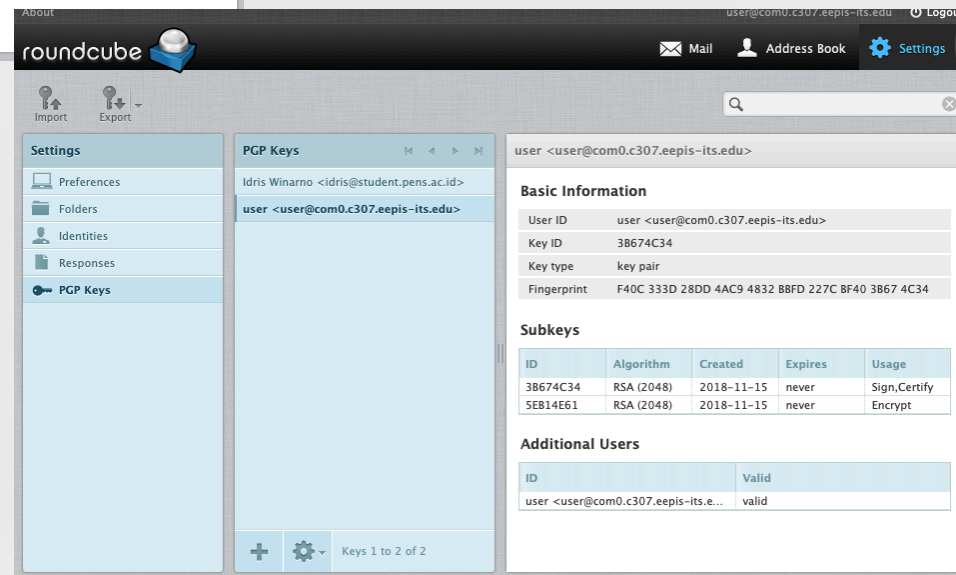
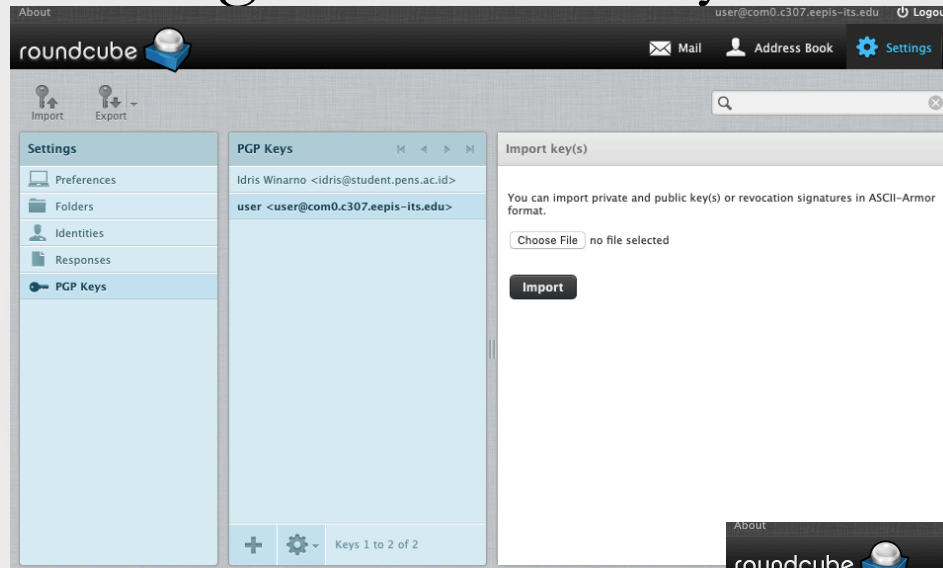
# Roundcube: Buat key

Settings → PGP Keys

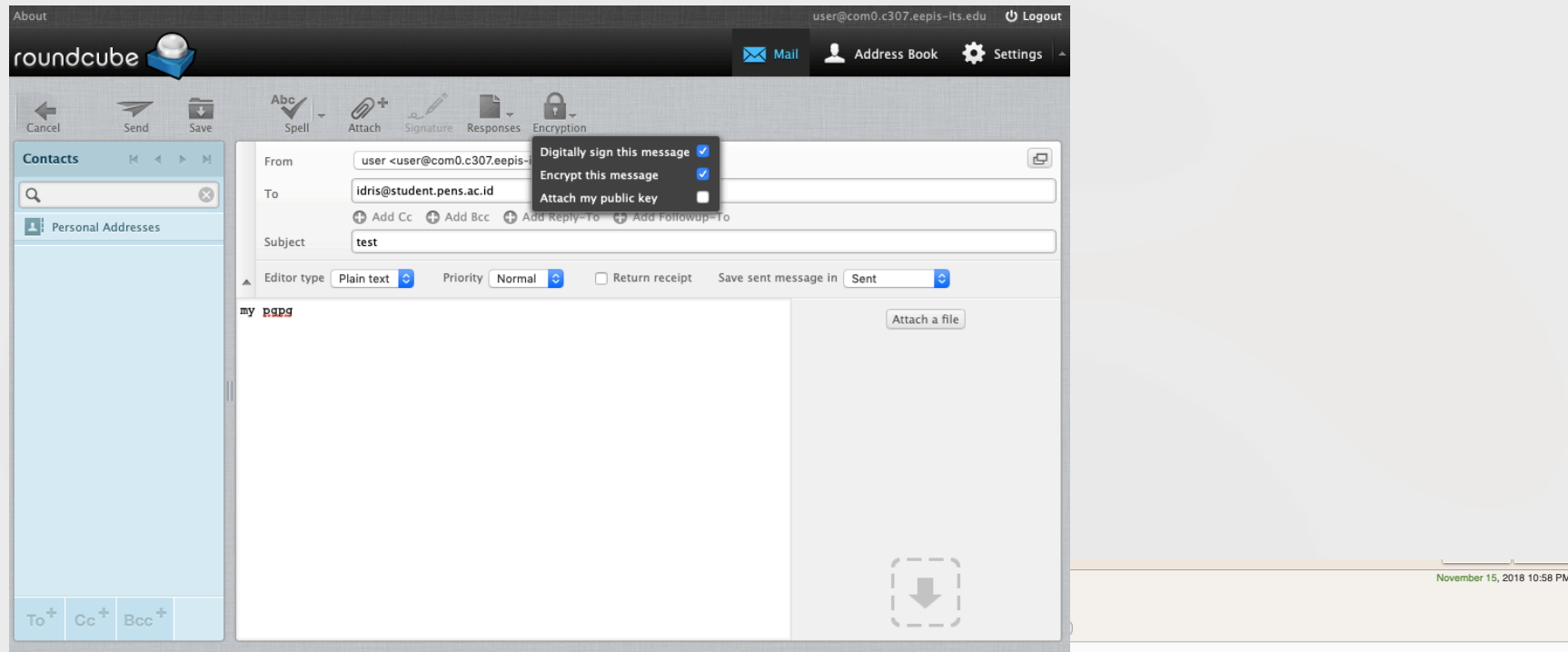


# Roundcube: Import key

Settings → PGP Keys



# Roundcube: Test Email



November 15, 2018 10:58 PM

-----BEGIN PGP MESSAGE-----  
Version: GnuPG v1

```
hQEMA0PjLxtesU5hAqgAlmMN49OurNyxzbXJtJ7wrL65y4X/B1C7eDeZJX3XI25
vQmHgjfbpKG3nNYvavkzM0bFR4EK6vFOmuoN7M/1C8KiBy49V0y9wvd4jUamwV1
YKNRr4+I29YoROwe59rMbCzsrfBELqWfvFEFFqf0D5RZotr3r8bEx8WmnEar0+y
DwsLCvQSyYvug8sPTodA+bxPFndQpEObkngAoJtX1mlEnvOjROtShxC0G8Lc5zBh
507VXAU3HuMQDoiE/F5nec0MtIkLeBBABT/SLok7A2wQHC3dOAd2xyVeHkw8gNW
zIKpg7DJ+bcpHYCW8NFX+JyLyrmu0zdr119CKL7F0YSMAYaH1bKhjAMLAQQAjtH4
VFV+67SRmRz4JfF1BqnoGce/rd5BlyNVCtBR/OEprSkJg0a2SByvGa9fc/1d/+
Et97RrRI6QN1w+P1YCC2+hZTg/Qh8Pkce9Rt228LLKqQpuscGudtrec/pRhu7NV
en57RSo01lovtliTUXhAP1mFgpleMViWnXJiZ3Xsw8BBt96TtxtnePNX7GJ3T6jL
mznFUYDc1o9+4cnTeE4ap7agbBTs2Z21Y3VjzNMVcbH9ammaqkzgm1P5Ofz9+YW
I+wOAnHPXty+gVSvmTnVh4SPodSwKvj9IMpb3yaOwgEMFn6Frio2cZyD8uYiw6P
egbjusnLbU59pHXNmZijfvLX8WtcM9a8xfcaimwagGEMGRva8r8W8dONiyrL7Ho
w3h6dnJCNgtf847sOA0XL+gb66oql8iac66PwHBXm7N2g+snfytkKjIFRZBG2
ZLlE70s8IZtDNoOAEIBYtrH4iueLES+zO3VlydLy5W5xyho34m+eU9ac5+ttFoUd
yvE59sxnHgLUODWY0qwc1heNGum0jz/2p5NhH671411h9qlrtW9wHccuc3wtc0g
AjLBKVoEYlx+KUPN0mwaD0CKENOn98ZraWwxyW8smVymzURX0+pXkDb09Vm
CGVtdyDQcNuHyYDnEQEDHaldkY7cr2/kfaa=Io7lVd5iGV30H8heKOLvphvG3d7Sb
lqdhde0hzTT/OI2iax01vtGY04vbG8EE9uz4H4d2I3Thf/rfk2HZ9XWiHJHy
zw+MpOs/eZ4JWBCqTKw41TxDfag8GvprzDrRiER4rA==
=AV+z
-----END PGP MESSAGE-----
```



**TERIMA KASIH**