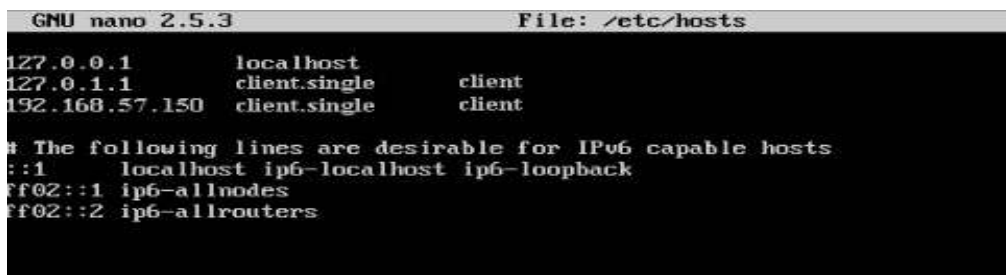


Pada gambar 3.46 bisa dilihat proses instalasi zimbra mailbox server telah selesai dan berjalan dengan baik. Pada tahap ini bisa artikan pada instalasi mailbox sudah selesai dan penulis selanjutnya akan menjelaskan proses instalasi zimbra single server.

3.4.4 Instalasi Zimbra Single Server

Zimbra Single Server terdiri dari berbagai aplikasi seperti, Postfix, Mysql, OpenLDAP, Jetty, ClamAV, dan yang lainnya. Paket Single server akan di install memakai 1 laptop berbeda dengan Multiserver dimana paket dalam multiserver dibagi menjadi 3 laptop. Selanjutnya penulis akan menjelaskan install zimbra single server.

- Pertama-tama penulis akan mengecek, ketik nano /etc/host



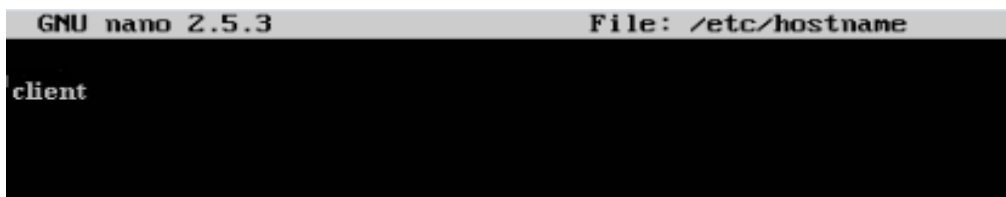
```
GNU nano 2.5.3 File: /etc/hosts
127.0.0.1 localhost
127.0.1.1 client.single client
192.168.57.150 client.single client

# The following lines are desirable for IPv6 capable hosts
::1 localhost ip6-localhost ip6-loopback
ff02::1 ip6-allnodes
ff02::2 ip6-allrouters
```

Gambar 3.47 Proses Install Single Server

Pada gambar 3.47 bisa dilihat tampilan localhost single dan IP single server.

- Selanjutnya akan melihat nama hostname



```
GNU nano 2.5.3 File: /etc/hostname
client
```

Gambar 3.48 Tampilan Hostname Single Server

Pada gambar 3.48 menunjukkan tampilan hostname single server yaitu memakai nama client.

- Ketik nano /etc/network/interface

```
GNU nano 2.5.3 File: /etc/network/interfaces
# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).
source /etc/network/interfaces.d/*

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
auto enp0s3
iface enp0s3 inet dhcp

auto enp0s8
iface enp0s8 inet static
address 192.168.57.150
netmask 255.255.255.0
gateway 192.168.57.101
dns-nameservers 192.168.57.101
dns-search zimbra

root@client-single :# nano /etc/network/interfaces
```

Gambar 3.49 Install Zimbra Single Server

Pada gambar 3.49 bisa dilihat tampilan network interfaces zimbra single server.

- Install Zimbra Single Server

```
Operations logged to /tmp/install.log.zyelPXFS
Checking for existing installation...
zimbra-ldap...NOT FOUND
zimbra-logger...NOT FOUND
zimbra-mta...NOT FOUND
zimbra-dnscache...NOT FOUND
zimbra-snmp...NOT FOUND
zimbra-store...NOT FOUND
zimbra-apache...NOT FOUND
zimbra-spell...NOT FOUND
zimbra-convertd...NOT FOUND
zimbra-memcached...NOT FOUND
zimbra-proxy...NOT FOUND
zimbra-archiving...NOT FOUND
zimbra-core...NOT FOUND

-----
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-----

Do you agree with the terms of the software license agreement? [N
```

Gambar 3.50 Instalasi Zimbra Single Server

Pada gambar 3.50 bisa dilihat proses instalasi Zimbra Single Server sedang berjalan. Proses selanjutnya bisa dilihat pada gambar dibawah.

- Instalasi Zimbra Single Server

```
Checking for installable packages
Found zimbra-core
Found zimbra-ldap
Found zimbra-logger
Found zimbra-mta
Found zimbra-dnscache
Found zimbra-snap
Found zimbra-store
Found zimbra-apache
Found zimbra-spell
Found zimbra-memcached
Found zimbra-proxy

Use Zimbra's package repository [Y] y
Configuring package repository
Select the packages to install
Install zimbra-ldap [Y] y
Install zimbra-logger [Y] y
Install zimbra-mta [Y] y
Install zimbra-dnscache [Y] n
Install zimbra-snap [Y] y
Install zimbra-store [Y] y
Install zimbra-apache [Y] y
Install zimbra-spell [Y] y
Install zimbra-memcached [Y] y
Install zimbra-proxy [Y] y
```

Gambar 4.51 Proses Install zimbra single server

Pada gambar 4.51 bisa dilihat tampilan install Single server, di dalam Single server yang perlu di install adalah paket-paket Single server yang menunjukkan huruf Y yang artinya perlu diinstall di paket Single server dan sebaliknya yang terdapat huruf N tidak perlu diinstal, karena dnscache diinstal terpisah.

- Hasil selanjutnya menampilkan sebagai berikut

```
Checking required space for zimbra-core
Checking space for zimbra-store
Checking required packages for zimbra-store
zimbra-store package check complete.

Installing:
zimbra-core
zimbra-ldap
zimbra-logger
zimbra-mta
zimbra-snap
zimbra-store
zimbra-apache
zimbra-spell
zimbra-memcached
zimbra-proxy

The system will be modified. Continue? [N] y
Installing packages

zimbra-core will be downloaded.
zimbra-ldap will be downloaded.
zimbra-logger will be downloaded.
zimbra-mta will be downloaded.
zimbra-snap will be downloaded.
zimbra-store will be downloaded.
zimbra-apache will be downloaded.
zimbra-spell will be downloaded.
zimbra-memcached will be downloaded.
zimbra-proxy will be downloaded.
Downloading packages. This will not modify the system. This may take some time.

Removing /opt/zimbra
Removing zimbra cronjob entry...done.
Cleaning up zimbra init scripts...done.
Cleaning up /etc/security/limits.conf...done.

Finished removing Zimbra Collaboration Server.
Installing packages
```

Gambar 3.52 Instalasi Zimbra Single Server

Pada gambar 3.52 terlihat proses instalasi zimbra single server masih berjalan. Proses selanjutnya bisa lihat pada gambar 3.53 di bawah ini.

- Tampilan selanjutnya install zimbra single server

```
Main menu
1) Common Configuration: Enabled
2) zimbra-ldap: Enabled
3) zimbra-logger: Enabled
4) zimbra-mta: Enabled
5) zimbra-smb: Enabled
6) zimbra-store: Enabled
+Create Admin User: yes
+Admin user to create: admin@tutorials.id
***** +Admin Password: UNSET
+Anti-virus quarantine user: virus-quarantine.h4n6gggw@tutorials.id
+Enable automated spam training: yes
+Spam training user: spam.wv02wfpj@tutorials.id
+Non-spam(Ham) training user: ham.c4zyg7r9m@tutorials.id
+SMTP host: mail.tutorials.id
+Web server HTTP port: 8080
+Web server HTTPS port: 8443
+Web server mode: https
+IMAP server port: 7143
+IMAP server SSL port: 7993
+POP server port: 7110
+POP server SSL port: 7995
+Use spell check server: yes
+Spell server URL: http://mail.tutorials.id:7780/aspell.php
+Enable version update checks: TRUE
+Enable version update notifications: TRUE
+Version update notification email: admin@tutorials.id
+Version update source email: admin@tutorials.id
+Install mailstore (service webapp): yes
+Install UI (zimbra,zimbraAdmin webapps): yes
7) zimbra-spell: Enabled
8) zimbra-proxy: Enabled
9) Default Class of Service Configuration:
a) Save config to file
x) Expand menu
q) Quit
Address unconfigured (**) items (z - help) 6
```

Gambar 3.53 Proses install zimbra single server

Pada gambar 3.53 bisa dilihat prose instalasi selanjutnya berjalan dengan baik, selanjutnya pilih menu 6 dan kemudian pilih set password (menu 4)

- Setting password untuk zimbra single server

```
Password for admin@tutorials.id (min 6 characters): [gbjep4Pyl] p45swoRd
Store configuration
1) Status: Enabled
2) Create Admin User: yes
3) Admin user to create: admin@tutorials.id
4) Admin Password set
5) Anti-virus quarantine user: virus-quarantine.h4n6gggw@tutorials.id
6) Enable automated spam training: yes
7) Spam training user: spam.wv02wfpj@tutorials.id
8) Non-spam(Ham) training user: ham.c4zyg7r9m@tutorials.id
9) SMTP host: mail.tutorials.id
10) Web server HTTP port: 8080
11) Web server HTTPS port: 8443
12) Web server mode: https
13) IMAP server port: 7143
14) IMAP server SSL port: 7993
15) POP server port: 7110
16) POP server SSL port: 7995
17) Use spell check server: yes
18) Spell server URL: http://mail.tutorials.id:7780/aspell.php
19) Enable version update checks: TRUE
20) Enable version update notifications: TRUE
21) Version update notification email: admin@tutorials.id
22) Version update source email: admin@tutorials.id
23) Install mailstore (service webapp): yes
24) Install UI (zimbra,zimbraAdmin webapps): yes
Select, or 'r' for previous menu [r] r
```

Gambar 3.54 Tampilan setting password install single server

Pada gambar 3.54 bisa dilihat tampilan menginput atau setting password untuk zimbra single server, dan selanjutnya tekan 'r' untuk masuk ke menu sebelumnya.

- Masuk ke menu sebelumnya untuk proses selanjutnya

```
Main menu
1) Common Configuration:
2) zimbra-ldap:           Enabled
3) zimbra-logger:        Enabled
4) zimbra-mta:           Enabled
5) zimbra-snmp:          Enabled
6) zimbra-store:         Enabled
7) zimbra-spell:         Enabled
8) zimbra-proxy:         Enabled
9) Default Class of Service Configuration:
s) Save config to file
x) Expand menu
q) Quit
```

Gambar 3.55 Proses install single server

Pada gambar 3.55 bisa dilihat tampilan main menu dan setelah itu tekan 'a' untuk apply kemudian 'yes' untuk menyelesaikannya.

- Proses finishing install zimbra single server

```
com_zimbra_attachmail...done.
com_zimbra_url...done.
com_zimbra_ymemoticons...done.
com_zimbra_cert_manager...done.
com_zimbra_proxy_config...done.
com_zimbra_url...done.
com_zimbra_ymemoticons...done.
com_zimbra_cert_manager...done.
com_zimbra_proxy_config...done.
com_zimbra_adminversioncheck...done.
com_zimbra_tooltip...done.
com_zimbra_date...done.
com_zimbra_webex...done.
com_zimbra_email...done.
com_zimbra_bulkprovision...done.
com_zimbra_attachcontacts...done.
com_zimbra_phone...done.
com_zimbra_clientuploader...done.
Finished installing common zimlets.
Restarting mailboxd...done.
Creating galsync account for default domain...done.

You have the option of notifying Zimbra of your installation.
This helps us to track the uptake of the Zimbra Collaboration Server.
The only information that will be transmitted is:
The VERSION of zcs installed (8.7.0_GA_1659_UBUNTU16_64)
The ADMIN EMAIL ADDRESS created (admin@tutorials.id)

Notify Zimbra of your installation? [Yes] Notifying Zimbra of installation via http://www.zimbra.
Notification complete
Setting up zimbra crenstab...done.
Moving /tmp/zimsetup.20160804-154559.log to /opt/zimbra/log
Configuration complete - press return to exit
```

Gambar 3.56 Tampilan install single server selesai

Pada gambar 3.56 bisa dilihat tampilan install zimbra single server telah selesai dan berjalan dengan baik. Sampai tahap ini telah selesai melakukan instalasi zimbra single server.

