

Mail Server dibelakang NAT Firewall

Article URI

rcayadi.web.id/news/2003/03/10/Mail_Server_dibelakang_NAT_Firewall

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Kondisi

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Router : Slackware 8.1

Hardisk Minim (pas cuma sisa buat log)

MailServer : Slackware 8.1 (IP local, Hardisk Gede)

Domain : pocongsakti.mu

Kerja

=====

Pindah direktori aktif anda ke /usr/local/src

```
[Sun Mar  9][04:29am][root@projects.pocongsakti.mu][ /home/nukemafia ]  
1 => cd /usr/local/src/
```

Sekarang coba download source postfix (lihat di

<http://www.postfix.org/download.html>)

```
[Sun Mar  9][05:24am][root@projects.pocongsakti.mu][ /usr/local/src ]  
2 => wget -c  
ftp://ftp.cbn.net.id/mirror/postfix-release/official/postfix-2.0.6-20030305.tar.  
gz
```

```
[Sun Mar  9][05:31am][root@projects.pocongsakti.mu][ /usr/local/src ]  
3 => tar -zxvf postfix-2.0.6-20030305.tar.gz
```

```
[Sun Mar  9][05:34am][root@projects.pocongsakti.mu][ /usr/local/src ]  
4 => cd postfix-2.0.6-20030305
```

Kompilasi

=====

```
[Sun Mar  
9][05:38am][root@projects.pocongsakti.mu][ /usr/local/src/postfix-2.0.6-20030305 ]  
6 => make
```

Bikin user dan groups yang ngejalanin postfix

```
[Sun Mar
9][05:43am][root@projects.pocongsakti.mu][/usr/local/src/postfix-2.0.6-20030305]
 7 => groupadd -g 80 postfix
[Sun Mar
9][05:46am][root@projects.pocongsakti.mu][/usr/local/src/postfix-2.0.6-20030305]
 8 => groupadd -g 81 postdrop
[Sun Mar
9][05:46am][root@projects.pocongsakti.mu][/usr/local/src/postfix-2.0.6-20030305]
 9 => useradd -g 81 -d /dev/null -s /bin/false -c Postfix postfix
[Sun Mar
9][05:47am][root@projects.pocongsakti.mu][/usr/local/src/postfix-2.0.6-20030305]
10 => useradd -g 81 -d /dev/null -s /bin/false -c Postdrop postdrop
```

sekarang lakukan instalasi

```
[Sun Mar
9][05:49am][root@projects.pocongsakti.mu][/usr/local/src/postfix-2.0.6-20030305]
11 => make install
```

eh ada pilihan, mo pilih yang mana?? udah pakek yang default aja :p
Please specify the prefix for installed file names. Specify this ONLY
if you are building ready-to-install packages for distribution to other
machines.

```
install_root: [//]
```

Please specify a directory for scratch files while installing Postfix. You
must have write permission in this directory.

```
tempdir: [/usr/local/src/postfix-2.0.6-20030305]
```

Please specify the destination directory for installed Postfix
configuration files.

```
config_directory: [/etc/postfix]
```

Please specify the destination directory for installed Postfix daemon
programs. This directory should not be in the command search path of
any users.

```
daemon_directory: [/usr/libexec/postfix]
```

Please specify the destination directory for installed Postfix
administrative commands. This directory should be in the command search
path of administrative users.

```
command_directory: [/usr/sbin]
```

Please specify the destination directory for Postfix queues.

```
queue_directory: [/var/spool/postfix]
```

Please specify the full destination pathname for the installed Postfix
sendmail command. This is the Sendmail-compatible mail posting interface.

```
sendmail_path: [/usr/sbin/sendmail]
```

Please specify the full destination pathname for the installed Postfix newaliases command. This is the Sendmail-compatible command to build alias databases for the Postfix local delivery agent.

newaliases_path: [/usr/bin/newaliases]

Please specify the full destination pathname for the installed Postfix mailq command. This is the Sendmail-compatible mail queue listing command.

mailq_path: [/usr/bin/mailq]

Please specify the owner of the Postfix queue. Specify an account with numerical user ID and group ID values that are not used by any other accounts on the system.

mail_owner: [postfix]

Please specify the group for mail submission and for queue management commands. Specify a group name with a numerical group ID that is not shared with other accounts, not even with the Postfix mail_owner account. You can no longer specify "no" here.

setgid_group: [postdrop]

Please specify the destination directory for the Postfix on-line manual pages. You can no longer specify "no" here.

manpage_directory: [/usr/local/man]

Please specify the destination directory for the Postfix sample configuration files.

sample_directory: [/etc/postfix]

Please specify the destination directory for the Postfix README files. Specify "no" if you do not want to install these files.

readme_directory: [no]

Oke sekarang instalasi udah selesai. tinggal bikin config nya aja.

Konfigurasi

=====

```
Pindah direktori dulu ke /etc/postfix
```

```
[Sun Mar
```

```
9][05:51am][root@projects.pocongsakti.mu][~/usr/local/src/postfix-2.0.6-20030305]
```

```
12 => cd /etc/postfix/
```

```
Edit file /etc/postfix/main.cf dengan pico atau vi
```

```
[Sun Mar 9][05:58am][root@projects.pocongsakti.mu][~/etc/postfix]
```

```
13 => pico main.cf
```

```
myhostname = projects.pocongsakti.mu
```

```
mydomain = pocongsakti.mu
```

```
inet_interfaces = all
```

```
mydestination = $myhostname, localhost.$myhostname, $mydomain
```

```
mynetworks_style = subnet
mynetworks = 192.168.1.0/24, 127.0.0.0/8, 202.46.80.113/28, 202.143.102.113/28
relay_domains = $mydestination
alias_maps = hash:/etc/postfix/aliases, nis:mail.aliases
alias_database = hash:/etc/postfix/aliases
```

```
selesai!!! sekarang loe edit file /etc/postfix/aliases
[Sun Mar  9][06:15am][root@projects.pocongsakti.mu][~/etc/postfix]
14 => pico aliases
```

```
bikin file aliases
[Sun Mar  9][06:16am][root@projects.pocongsakti.mu][~/etc/postfix]
15 => echo "root: nukemafia" > /etc/aliases
```

```
Ganti nukemafia dengan user account anda, lalu bikin database buat aliases
[Sun Mar  9][06:32am][root@projects.pocongsakti.mu][~/etc/postfix]
16 => newaliases
```

```
sekarang coba kita jalanin postfix nya
[Sun Mar  9][06:33am][root@projects.pocongsakti.mu][~/etc/postfix]
17 => postfix start
postfix/postfix-script: starting the Postfix mail system
```

```
Okee... cek ada eror gak ??
[Sun Mar  9][06:45am][root@projects.pocongsakti.mu][~/etc/postfix]
18 => tail -f /var/log/maillog
Mar  9 06:46:27 projects postfix/postfix-script: starting the Postfix mail
system
Mar  9 06:46:27 projects postfix/master[13744]: daemon started -- version
2.0.6-20030305
```

```
[Sun Mar  9][06:49am][root@projects.pocongsakti.mu][~/etc/postfix]
19 => ps awux |grep post
root      13744  0.0  1.1 2540  708 ?        S    06:46   0:00
/usr/libexec/postfix/master
postfix  13745  0.0  1.0 1992  620 ?        S    06:46   0:00 pickup -l -t
fifo -u
postfix  13746  0.0  1.0 2028  664 ?        S    06:46   0:00 qmgr -l -t fifo
-u
root      13774  0.0  0.7 1404  464 pts/6    S    06:54   0:00 grep post
[Sun Mar  9][06:54am][root@projects.pocongsakti.mu][~/etc/postfix]
```

```
Masih kurang yakin postfix nya jalan, cobain yang ini deh :P~
[Sun Mar  9][06:54am][root@projects.pocongsakti.mu][~/etc/postfix]
20 => telnet localhost 25
Trying 127.0.0.1...
Connected to localhost.
Escape character is '^]'.
```

220 projects.pocongskrafti.mu ESMTP Postfix

Okeh... udah kan... sekarang coba kirim email

```
[Sun Mar 9][06:58am][root@projects.pocongskrafti.mu][~/etc/postfix]
22 => dmesg |mail root@projects.pocongskrafti.mu
```

cek di log file nya

```
[Sun Mar 9][06:58am][root@projects.pocongskrafti.mu][~/etc/postfix]
23 => tail -f /var/log/maillog
Mar 9 06:58:26 projects postfix/pickup[13745]: 2063A32B: uid=0 from=
Mar 9 06:58:26 projects postfix/cleanup[13784]: 2063A32B: message-id=
Mar 9 06:58:26 projects postfix/qmgr[13746]: 2063A32B: from=, size=7219,
nrcpt=1 (queue active)
Mar 9 06:58:26 projects postfix/local[13786]: warning: dict_nis_init: NIS
domain name not set - NIS lookups disabled
Mar 9 06:58:26 projects postfix/local[13786]: 2063A32B: to=, orig_to=,
Postfix udah terinstalasi, sekarang tinggal mengarahin firewall bila ada
koneksi ke port smto di arahin ke iplokal mailserver
```

ssh dulu ke router firewall

```
[Sun Mar 9][07:01am][root@projects.pocongskrafti.mu][~/etc/postfix]
24 => ssh root@comdex.byte.or.id
root@comdex.byte.or.id's password:
Last login: Sun Mar 9 00:13:09 2003 from 192.168.1.125
```

```
root@comdex:~# iptables -t nat -A PREROUTING -p tcp -d 202.46.80.125 --dport
smtp -j DNAT --to 192.168.1.125:25
```

Set MX domain anda

```
mx.pocongskrafti.mu. IN A 202.46.80.125
projects.pocongskrafti.mu. IN MX 0 mx.pocongskrafti.mu
```

```
[Sun Mar 9][07:07am][root@projects.pocongskrafti.mu][~/etc/postfix]
25 => host -t mx projects.pocongskrafti.mu
projects.pocongskrafti.mu mail is handled by 0 mx.pocongskrafti.mu.
[Sun Mar 9][07:07am][root@projects.pocongskrafti.mu][~/etc/postfix]
26 => host mx.pocongskrafti.mu
mx.pocongskrafti.mu has address 202.46.80.125
```

Wassalam

Catatan:

Tulisan asli nukemafia dapat dilihat [disini](#)