

Table of Contents

- Seiichiros mail-setup adapted for Ubuntu: Postfix + Dspam/ClamAV + Dovecot2** 3
- Software** 3
- Adapted Overview including ClamAV** 3
- Adding repo and installing software** 4
- Adding Service User** 4
- Deamons** 4
- Dspam 4
- ClamAV 6
- Dovecot2 7
- Postfix 7
- Services restart** 9

Seiichiros mail-setup adapted for Ubuntu: Postfix + Dspam/ClamAV + Dovecot2

To use Seiichiros mail-setup with Ubuntu 10.04 I have to make a couple of changes. I will describe here only these changes. The complete setup can be found on [Seiichiros Website](#).

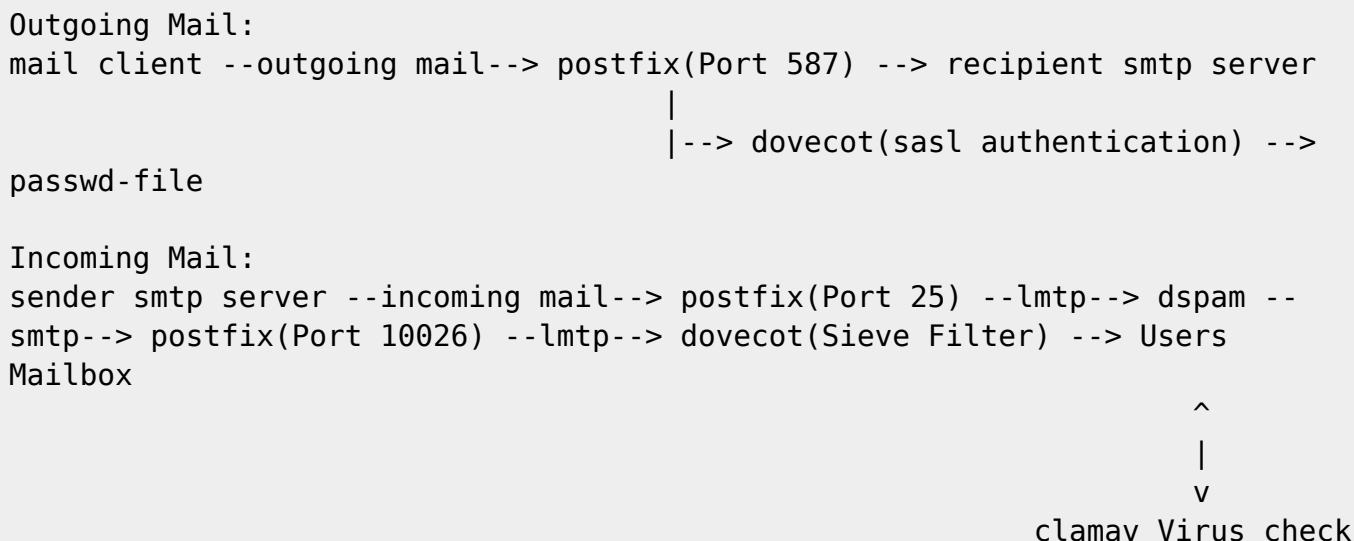
The Ubuntu 10.04 standard repository doesn't offer a package for dovecot2. Dovecot1 doesn't support lmtpl and the antispam plugin has a bug. With use of an additional repository the configurations can be made as described by Seiichiro. I had to made a few adjustments and I integrated support for ClamAV.

Software

- Ubuntu linux 10.04 LTS
- Postfix (version 2.7.0-1)
- DSPAM (version 3.6.8-9)
- Dovecot (version 2) extra repo

```
ii dovecot-antispam          2.0.0+hg45-0xk1          a
Dovecot plugin that helps train spam filte
ii dovecot-common           1:2.0.6-0xk1
secure mail server that supports mbox and ma
ii dovecot-imapd            1:2.0.6-0xk1
secure IMAP server that supports mbox and ma
ii dovecot-pigeonhole       0.2.1-0xk1
secure mail server - sieve and managesieve
```

Adapted Overview including ClamAV



Adding repo and installing software

```
vi /etc/apt/sources.list
```

```
...  
deb http://codex.xiaoka.com/apt lucid main restricted  
deb-src http://codex.xiaoka.com/apt lucid main restricted
```

```
apt-get update
```

```
apt-get upgrade
```

```
apt-get install dovecot-common dovecot-antispam dovecot-pigeonhole
```

Adding Service User

Unchanged: please see Seiichiros documentation

Deamons

Dspam

You have to change the socket path to:

```
ServerDomainSocketPath "/var/spool/postfix/dspam/dspam.sock"
```

And create the according directory and correct rights.

```
mkdir /var/spool/postfix/dspam  
chown -R vmail.dspam /var/spool/postfix/dspam
```

My /etc/dspam/dspam.conf

```
## $Id: dspam.conf.in,v 1.72 2006/05/14 15:40:42 jonz Exp $  
## dspam.conf -- DSPAM configuration file  
##
```

```
Home /var/spool/dspam
```

```
StorageDriver /usr/lib/dspam/libhash_drv.so
```

```
DeliveryHost 127.0.0.1  
DeliveryPort 10026
```

```
DeliveryIdent      localhost
DeliveryProto     SMTP

OnFail error

Trust root
Trust dspam
Trust mail
Trust mailnull
Trust smmsp
Trust daemon
Trust vmail

TrainingMode teft
TestConditionalTraining on

Feature chained
Feature whitelist

Algorithm graham burton

Tokenizer chain
PValue graham

Preference "spamAction=deliver"
Preference "signatureLocation=headers" # 'message' or 'headers'
Preference "showFactors=on"

AllowOverride trainingMode
AllowOverride spamAction spamSubject
AllowOverride statisticalSedation
AllowOverride enableBNR
AllowOverride enableWhitelist
AllowOverride signatureLocation
AllowOverride showFactors
AllowOverride optIn optOut
AllowOverride whitelistThreshold

HashRecMax        98317
HashAutoExtend    on
HashMaxExtents    0
HashExtentSize    49157
HashMaxSeek       100
HashConnectionCache 10
Notifications     off

PurgeSignatures  14 # Stale signatures
PurgeNeutral     90 # Tokens with neutralish probabilities
PurgeUnused      90 # Unused tokens
PurgeHapaxes     30 # Tokens with less than 5 hits (hapaxes)
PurgeHits1S     15 # Tokens with only 1 spam hit
```

```
PurgeHits1I 15          # Tokens with only 1 innocent hit

LocalMX 127.0.0.1

SystemLog on
UserLog   on

Opt out

ParseToHeaders on
ChangeModeOnParse on
ChangeUserOnParse full

Broken case

ClamAVPort 3310
ClamAVHost 127.0.0.1
ClamAVResponse spam

ServerPID          /var/run/dspam/dspam.pid

ServerMode         auto

ServerParameters  "--deliver=innocent,spam"
ServerIdent       "mail.example.org" # servers hostname

ServerDomainSocketPath "/var/spool/postfix/dspam/dspam.sock"
ProcessorBias on

Include /etc/dspam/dspam.d/

## EOF
```

In /etc/dspam/default.prefs you can configure the tagging behavior (tag only the message header and not the content ... yes signature location in dspam.conf will be ignored). Change the "statisticalSedation" as you wish.

```
....
# Statistical Sedation: 0-10
statisticalSedation=2

# Signature Location: message, headers, attachment
signatureLocation=headers
....
```

ClamAV

Comment the local socket and create a TCP socket:

```
...
##LocalSocket /var/run/clamav/clamdctl
##FixStaleSocket true
...
TCPSocket 3310
TemporaryDirectory /tmp
```

Dovecot2

Comment the include when you don't need it:

```
##!include conf.d/*.conf
```

And change the path for the sockets:

```
...
  unix_listener /var/spool/postfix/private/dovecot-lmtp {
#  unix_listener lmtp-client {
...
  unix_listener /var/spool/postfix/private/auth {
#  unix_listener auth-client {
...

```

Sieve Rule for infected Mails

```
require ["fileinto"];
# rule:[VIRUS]
if anyof (header :contains "X-DSPAM-Result" "Virus")
{
    fileinto "Infected";
    stop;
}
```

Postfix

Change the sockets according to the changes made in the config files

/etc/postfix/main.cf

```
...
virtual_transport = lmtp:unix:private/dovecot-lmtp
...
```

/etc/postfix/master.cf

```
#
# Postfix master process configuration file. For details on the format
```

```
# of the file, see the master(5) manual page (command: "man 5 master").
#
# Do not forget to execute "postfix reload" after editing this file.
#
# =====
# service type private unpriv chroot wakeup maxproc command + args
#           (yes)   (yes)   (yes)   (never) (100)
# =====
smtp      inet  n       -       -       -       -       smtpd
  -o content_filter=lmtpl:unix:dspam/dspam.sock
# Submission port 587 for client connection / sending mails from
# authenticated users
submission inet n       -       -       -       -       smtpd
  -o smtpd_tls_security_level=encrypt
  -o smtpd_sasl_auth_enable=yes
  -o smtpd_sasl_type=dovecot
  -o smtpd_sasl_security_options=noanonymous
  -o smtpd_sasl_path=private/auth
  -o
smtpd_recipient_restrictions=reject_unknown_recipient_domain,reject_non_fqdn
_recipient,permit_sasl_authenticated,reject
  -o milter_macro_daemon_name=ORIGINATING
#smtps    inet  n       -       -       -       -       smtpd
#  -o smtpd_tls_wrappermode=yes
#  -o smtpd_sasl_auth_enable=yes
#  -o smtpd_client_restrictions=permit_sasl_authenticated,reject
#  -o milter_macro_daemon_name=ORIGINATING
localhost:10026 inet n       -       n       -       -       smtpd
  -o content_filter=
  -o
receive_override_options=no_unknown_recipient_checks,no_header_body_checks
  -o smtpd_helo_restrictions=
  -o smtpd_client_restrictions=
  -o smtpd_sender_restrictions=
  -o smtpd_recipient_restrictions=permit_mynetworks,reject
  -o mynetworks=127.0.0.0/8
  -o smtpd_authorized_xforward_hosts=127.0.0.0/8
#628     inet  n       -       -       -       -       qmqpd
pickup   fifo  n       -       -       60      1       pickup
cleanup  unix  n       -       -       -       0       cleanup
qmgr     fifo  n       -       n       300     1       qmgr
#qmgr    fifo  n       -       -       300     1       oqmgr
tlsmgr   unix  -       -       -       1000?   1       tlsmgr
rewrite  unix  -       -       -       -       -       trivial-rewrite
bounce   unix  -       -       -       -       0       bounce
defer    unix  -       -       -       -       0       bounce
trace    unix  -       -       -       -       0       bounce
verify   unix  -       -       -       -       1       verify
flush    unix  n       -       -       1000?   0       flush
proxymap unix  -       -       n       -       -       proxymap
proxywrite unix -       -       n       -       1       proxymap
```

```

smtp      unix  -      -      -      -      -      -      smtp
# When relaying mail as backup MX, disable fallback_relay to avoid MX loops
relay     unix  -      -      -      -      -      -      smtp
  -o smtp_fallback_relay=
#       -o smtp_helo_timeout=5 -o smtp_connect_timeout=5
showq    unix  n      -      -      -      -      -      showq
error    unix  -      -      -      -      -      -      error
retry    unix  -      -      -      -      -      -      error
discard  unix  -      -      -      -      -      -      discard
local    unix  -      n      n      -      -      -      local
virtual  unix  -      n      n      -      -      -      virtual
lmtp     unix  -      -      -      -      -      -      lmtp
anvil    unix  -      -      -      -      -      1      anvil
scache   unix  -      -      -      -      -      1      scache
# maildrop. See the Postfix MAILDROP_README file for details.
# Also specify in main.cf: maildrop_destination_recipient_limit=1
#
maildrop  unix  -      n      n      -      -      -      pipe
  flags=DRhu user=vmail argv=/usr/bin/maildrop -d ${recipient}
# =====
#
# See the Postfix UUCP_README file for configuration details.
#
uucp     unix  -      n      n      -      -      -      pipe
  flags=Fqhu user=uucp argv=uux -r -n -z -a$sender - $nexthop!rmail
($recipient)
#
# Other external delivery methods.
#
ifmail   unix  -      n      n      -      -      -      pipe
  flags=F user=ftn argv=/usr/lib/ifmail/ifmail -r $nexthop ($recipient)
bsmtp    unix  -      n      n      -      -      -      pipe
  flags=Fq. user=bsmtp argv=/usr/lib/bsmtp/bsmtp -t$nexthop -f$sender
$recipient
scalemail-backend unix  -      n      n      -      2      -      pipe
  flags=R user=scalemail argv=/usr/lib/scalemail/bin/scalemail-store
${nexthop} ${user} ${extension}
mailman  unix  -      n      n      -      -      -      pipe
  flags=FR user=list argv=/usr/lib/mailman/bin/postfix-to-mailman.py
${nexthop} ${user}

```

Services restart

```

/etc/init.d/clamav-daemon restart
/etc/init.d/dspam restart
/etc/init.d/dovecot restart
/etc/init.d/postfix restart

```

From:

<https://www.eanderalx.org/> - **EanderAlx.org**

Permanent link:

https://www.eanderalx.org/linux/seiichiros_mail_setup_ubuntu

Last update: **23.03.2013 17:43**

