

Sendmail document modified March 2007, hlorenz

The basic sendmail configuration file is located in /etc/sendmail.cf or /etc/mail/sendmail.cf

mc files are located in /etc/mail, to create the basic sendmail.cf file issue the following command:

```
m4 /etc/mail/redhatAS.mc > /etc/mail/sendmail.cf or /etc/sendmail.cf
```

This calls on the m4 files that are located in /usr/share/sendmail-cf/ in this directory are the files:

```
/usr/share/sendmail-cf/domain/saratoga.m4  
/usr/share/sendmail-cf/ostype/redhatAS.m4
```

Both the above files are site and OS specific, written by hlorenz for saratoga.usd.org, on a system running Redhat ASv4. You can modify these as needed, for example if you have the domain name 'tuanhome.com' you would change the MASQUERADE\_AS macro in the Saratoga.m4 file accordingly.

```
#redhatAS.mc  
divert(-1)  
dnl This is the sendmail macro config file. If you make changes to this  
dnl file,  
dnl you need the sendmail-cf rpm installed and then have to generate a  
dnl new /etc/sendmail.cf by running the following command:  
dnl  
dnl          m4 /etc/mail/redhatAS.mc > /etc/sendmail.cf  
dnl  
include(`/usr/share/sendmail-cf/m4/cf.m4')  
VERSIONID(`Red Hat Linux Config File for Sendmail')dnl  
OSTYPE(`redhatAS')dnl  
DOMAIN(`saratoga')dnl  
FEATURE(`mailertable',`hash -o /etc/mail/mailertable.db')dnl  
FEATURE(`virtusertable',`hash -o /etc/mail/virtusertable.db')dnl  
MAILER(smtp)dnl  
MAILER(procmail)dnl
```

```
#saratoga.m4
divert(-1)
#
# Copyright (c) 1998, 1999 Sendmail, Inc. and its suppliers.
#   All rights reserved.
# Copyright (c) 1983 Eric P. Allman. All rights reserved.
# Copyright (c) 1988, 1993
#   The Regents of the University of California. All rights
reserved.
#
# By using this file, you agree to the terms and conditions set
# forth in the LICENSE file which can be found at the top level of
# the sendmail distribution.
#
# The following is a generic domain file. You should be able to
# use it anywhere. If you want to customize it, copy it to a file
# named with your domain and make the edits; then, copy the
appropriate
# .mc files and change `DOMAIN(generic)' to reference your updated
domain
# files.
#
divert(0)
VERSIONID(`settings for saratogausd.org')dnl
define(`confFORWARD_PATH',
`$z/.forward.$w+$h:$z/.forward+$h:$z/.forward.$w:$z/.forward')dnl
define(`confUSERDB_SPEC',`/etc/mail/userdb.db')dnl
FEATURE(always_add_domain)dnl
FEATURE(relay_entire_domain)
FEATURE(`access_db')dnl
FEATURE(`blacklist_recipients')dnl
FEATURE(`redirect')dnl
FEATURE(`use_cw_file')dnl
FEATURE(dnsbl)dnl
MASQUERADE_AS(saratogausd.org))
```

#redhatAS.m4

divert(-1)

#

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# All rights reserved.

# Copyright (c) 1983 Eric P. Allman. All rights reserved.

# Copyright (c) 1988, 1993

# The Regents of the University of California. All rights reserved.

#

# By using this file, you agree to the terms and conditions set

# forth in the LICENSE file which can be found at the top level of

# the sendmail distribution.

#

#

divert(0)

VERSIONID(`Red Hat Linux release 7.2')

define(`confDEF\_USER\_ID',`8:12')dnl

define(`ALIAS\_FILE',`/etc/aliases')dnl

define(`STATUS\_FILE',`/var/log/sendmail.st')dnl

define(`confEBINDIR',`/usr/sbin')

FEATURE(`smrsh')dnl

define(`PROCMAIL\_MAILER\_PATH',`/usr/bin/procmail')

FEATURE(local\_procmail)

You also have to tell sendmail which ip's or domains to relay, this is a critical feature, by default you do not want to relay anybody outside your home, or perhaps an ip address known to you.

Knowing what and who is relayed is a spam stopping tool!

After setup need to create and edit /etc/mail/local-host-names, this will stop loop-back issues.

```
/etc/mail/local-host-names
otterbrothersengineering.com
```

```
/etc/mail/relay-domains
68.123.137.221
```

```
#relay-domains example.
207.31.31          RELAY
207.31.32          RELAY
206.213.187        RELAY
206.213.188        REDJECT
209.68.155
susd.k12.ca.us
saratogausd.org
10
```

```
/etc/var/mail/access
```

```
68.123.137.221
```

Then run:

```
makemap hash /etc/mail/access < /etc/mail/access
```

Start ipop3 daemon chkconfig ipop3 on (old Redhat), new Redhat and Fedora have new imap/pop server.

Dovecot imap config files live in /etc/dovecot.cfg. Under Protocols we want to be serving add:

Protocols = imap pop3, start the service in chkconfig, dovecot authenticates plain text logins via saslauthd daemon, you also need to start this for typical logins.

## **Moving Mail From One Server to Another**

1. Send /etc/passwd and /etc/shadow to a temp folder, /home/hlorenz/password then tar -pcvf password\_folder.tar password\_folder.
2. tar -pcvf /home.tar home
3. tar -pcvf /var/spool mail.tar mail
4. tar -pcvf /etc/aliases.tar aliases

Move all these tar files to new server, un-tar using tar -pxvf in appropriate places.

Install Webmin and Kaspersky, Kaspersky configure rc.local to start kav.