

[SLE] Updating to SpamAssassin 2.61 from sources (SuSE 8.2)

Source: <http://linux.derkeiler.com/Mailing-Lists/SuSE/2003-12/4008.html>

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To: SLE <suse-linux-e@suse.com>

[report and questions]

Hi,

I have just updated to Mail-SpamAssassin-2.61 from sources my SuSE 8.2 – previously, I had a look at ftp:.../people/mmj, but there was no rpm for 8.2; however, the process is very simple:

Download and expand Mail-SpamAssassin-2.61.tar.bz2. Change to the directory, and run 'perl Makefile.PL' (or hit enter on 'mc'), then 'make'

Using yast, uninstall spamassassin-2.50-12.i586.rpm and perl-spamassassin-2.50-12.i586.rpm – but first make a backup copy of files '/etc/init.d/spamd' and '/etc/mail/spamassassin/local.cf'

Then proceed with 'make install', or 'checkinstall' – the second will create an rpm, that I don't know if it is fully usable, but anyways, will keep the rpm database happy.

Add options SPAMD_OPTS, SPAMD_AWL and SPAMD_NICE to file '/etc/sysconfig/spamd' – I have this:

```
# SPAMD_OPTS="..." add these options to the spamd command line
# (read `man spamd`).
# SPAMD_AWL=yes Enable the autowhitelist. The same as adding
# "-a" to SPAMD_OPTS.
# SPAMD_NICE=<prio> Set the scheduling priority to <prio>; keeps
# spamd from soaking up your system resources.
# "yes" is equivalent to "5".
```

```
#SPAMD_ARGS="-d -c -a"
```

```
SPAMD_OPTS="-d -c"
SPAMD_AWL=yes
SPAMD_NICE=yes
```

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Interestingly, you can run the daemon "niced" :-)

Copy './Mail-SpamAssassin-2.61/spamd/suse-rc-script.sh' to '/etc/init.d/spamd', and flag it as executable by root. Create a symlink:

```
/usr/sbin/rcspamd -> /etc/init.d/spamd*
```

Edit '/etc/init.d/spamd' as appropriate comparing it to the original file
ow which we made a backup. There are some changes, some files that have
different paths (I think some of it is pre-8.x) – here are the changes:

Remove line './etc/rc.config'

Comment out lines referencing 'base' and 'link' and the two tests; ie,
code lines following "# Determine the base..." and "# Force execution
if..."

Insert this code instead (substitutes rc.config for >=8.x):

```
# Check for existence of needed config file and read it
#
# Later, we may want to make startup behavior (user ID, firewalling, ...)
# configurable, as there are security implications (read README.spamd).
SPAMD_CONFIG=/etc/sysconfig/spamd
test -r $SPAMD_CONFIG || exit 6
. $SPAMD_CONFIG
```

In 'function my_getpid()' comment out the last test – this is a hack around
a bug, about which I wanted to ask here:

```
# is that a spamd or what?
# test $cmd = $SPAMD_BIN || return 11
```

With that, test 'rcspamd start', 'rcspamd status' and 'rcspamd stop', and
we are almost done – I am assuming your setup uses 'spamd' and 'spamd'
instead of calling directly 'spamassassin':

```
cd /etc/init.d/
chkconfig spamd on
chkconfig (should respond "on")
rcspamd start
```

And finally, test the mail setup – which I assume was previously working.
You probably want to edit '/etc/mail/spamassassin/local.cf' with your old
configurations; I have this:

```
rewrite_subject 0
report_header 1
use_terse_report 1
defang_mime 0
```

User preferences will not be changed, except that I think the bayes database will be modified on the first run.

Ok, here go my questions. The 'spamd' startup script uses a new code to see if the spamd daemon is running, instead of using SuSE's normal code; the author explanation is this:

```
# Note: The SuSE {start,kill,check}proc utils can't handle perl scripts
# which change there $0 -- like spamd. So I implemented my own
# routines which rely on the existence of the pid file.
```

```
# is there any process running at that pid?
test -d /proc/$pid || return 10

cmd=`cat /proc/$pid/cmdline 2>/dev/null | cut -d' ' -f1
test -n "$cmd" || return 1

# is that a spamd or what?
test $cmd = $SPAMD_BIN || return 11
```

But this code fails. It tries to get the command line associated with the daemon PID, reading from '/proc/\$PID/cmdline' this:

```
/usr/bin/perl-T -w/usr/bin/spamd-d-r/var/run/spamd.pid-d-c-a
```

Notice the absence of spaces between the program call and the parameters: is that a kernel bug, or a characteristic? The problem is that the output of "cut" is "/usr/bin/perl-T", so the comparison to "/usr/bin/spamd" fails. My hack was to remove that final test, but then if the daemon died previously I might kill an innocent program when closing the service.

My second question is this; when a mail is detected, the spam mail is edited containing:

```
a text informing this is spam
a "Content preview" section
a "Content analysis detail" section
the original mail untouched, as a mime attach
```

Previously I didn't have a "Content preview", and I don't want it. How do I remove it, if possible?

```
--
Cheers,
```

Carlos Robinson

```
--
```

```
Check the headers for your unsubscription address
For additional commands send e-mail to suse-linux-e-help@suse.com
Also check the archives at http://lists.suse.com
Please read the FAQs: suse-linux-e-faq@suse.com
```