

Re: Cannot rebuild Sendmail (with sasl2) ****FIXED****

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2007-08/msg02198.html>

- *From:* "brad davison" <demonichandextensions@xxxxxxxxxxx>
 - *Date:* Fri, 31 Aug 2007 18:29:47 +0000
-

I would like to send a heartfelt 'THANK YOU' to everyone who contributed info to this thread. I had to use bits a pieces of everyone's input to make it finally do what I wanted it to do.. which it finally does!

in the end.. what my ultimate problem was.. was the /usr/obj directory. I must not have cleaned it out entirely.

so what i did was:

```
# chflags -R noschg /usr/obj/usr
# rm -rf /usr/obj/usr
# cd /usr/src
# make cleandir
# make cleandir
# cd /usr/src/lib/libsmutil
# make cleandir
# make cleandir && make obj && make
# cd /usr/src/lib/libsm
# make cleandir
# make cleandir && make obj && make
# cd /usr/src/usr.sbin/sendmail
# make cleandir
# make cleandir && make obj && make && make install
```

with this in my make.conf:

```
PERL_VER=5.8.8
```

```
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```

```
SENDMAIL_CFLAGS=-I/usr/local/include/sasl -DSASL
```

```
SENDMAIL_LDFLAGS=-L/usr/local/lib
```

```
SENDMAIL_LDADD=-lsasl2
```

I did have to modify what I had in my make.conf because it had `-DSASL=2` instead of just `-DSASL` so I hope this helps another FBSD lowbie.

I am gaining lots of respect for this Good Software. I will probably be putting FBSD in where I have other linux installations as the hardware gets replaced.

THANK YOU AGAIN EVERYONE FOR YOUR HELP!

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250-ENHANCEDSTATUSCODES
250-PIPELINING
250-8BITMIME
250-SIZE
250-DSN
250-ETRN
250-AUTH PLAIN LOGIN ***** WOOOO HOOOOOOOO *****
250-STARTTLS
250-DELIVERBY
250 HELP

From: Giorgos Keramidas <keramida@xxxxxxxxxxxxxxxx>
To: brad davison <demonichandextensions@xxxxxxxxxxx>
CC: freebsd-questions@xxxxxxxxxxx
Subject: Re: Cannot rebuild Sendmail (with sasl2)
Date: Thu, 30 Aug 2007 23:40:43 +0300

On 2007-08-30 17:48, brad davison <demonichandextensions@xxxxxxxxxxx> wrote:

> Thank you for your help.
>
> We seem to be further now. Running the 'make cleandir' twice seems to have
> gotten us past that hangup. Now the buildworld and buildkernel and
> installkernel all worked.
>
> It seems, however, that the -DSASL=2 did not take, because now, when I
> reboot (or restart sendmail) I get:
>
> Warning: Option: AuthMechanisms requires SASL support (-DSASL)
>
> Also, building Sendmail from /usr/src/usr.sbin/sendmail gives the old error
> message
>
> cc -O2 -fno-strict-aliasing -pipe
> [...]
> -std=iso9899:1990 -c
> /usr/src/usr.sbin/sendmail/../../contrib/sendmail/src/version.c
> make: don't know how to make
> /usr/src/usr.sbin/sendmail/../../lib/libsmutil/libsmutil.a. Stop
>

That's because to 'reuse' the existing object code (compiled during the last buildworld and stored in /usr/obj) you have to set in your shell's environment the MAKEOBJDIRPREFIX variable.

If you run buildworld with csh as your shell, this would be:

```
csh# setenv MAKEOBJDIRPREFIX /usr/obj
```

If you are using /bin/sh use:

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```
# export MAKEOBJDIRPREFIX=/usr/obj
```

Then you should try:

```
# cd /usr/src/usr.sbin/sendmail
# make cleandir && make cleandir
# make obj depend all
```

> If you are (but the buildworld did finish successfully including the
> sendmail piece, which did have the `-DSASL=2` in the `make.conf`.)

I don't know why your buildworld seems to have picked the wrong settings from `make.conf`. Are you **sure** you run a clean build? This would require:

1. Removing `/usr/obj`
2. Running `"make cleandir cleandir"` in `/usr/src`
3. Checking `/etc/make.conf`
4. Running `"buildworld buildkernel"`
5. Installing everything, following the instructions from `/usr/src/UPDATING`

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