testsaslauthd

Die Funktion von `saslauthd` kann man übrigends wie folgt testen:

```
testsaslauthd -f /var/run/saslauthd/mux -u USER -p PASSWORT
testsaslauthd -f /var/spool/postfix/var/run/saslauthd/mux -u USER -p PASSWORT
```

saslfinger

Bei Problemen mit Postfix und SASL ist der erste Schritt immer ein Lauf von saslfinger:

`saslfinger` ist ein Bash-Script welches auf einfache Weise alle Informationen zum SMTP-AUTH-Setup anzeigt.

(Download: Version 1.0)

Usage

-c
Client-Side SMTP AUTH wird untersucht.
Client-Side SMTP AUTH heißt Postfix (als SMTP-Daemon) nutzt SMTP AUTH zur eigenen Authentifizierung bei anderen Mail-Servern.
`saslfinger` geht alle im `smtp_sasl_password_maps` eingetragene Server um zu prüfen, ob der SMTP-Auth funktioniert/gebraucht wird.

-h
kleiner Hilfetext.

-s
Server-Side SMTP AUTH wird untersucht.
Server-Side SMTP AUTH heißt Postfix (als SMTP-Daemon) bietet Mail-Clients SMTP AUTH an.

Zusammenfassung:

Immer erst einmal `saslfinger -s | less` ausführen.

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Eine Ausgabe sieht dann z.B. so aus:

```
saslfinger - postfix Cyrus sasl configuration Mo May 08 09:25:28 CEST 2006
version: 1.0
mode: server-side SMTP AUTH

-- basics --
Postfix: 2.1.5
System: Debian GNU/Linux 3.1
 \l

-- smtpd is linked to --
        libsasl2.so.2 => /usr/lib/libsasl2.so.2 (0x401a2000)

-- active SMTP AUTH and TLS parameters for smtpd --
broken_sasl_auth_clients = yes
smtpd_sasl_auth_enable = yes
smtpd_sasl_local_domain = $myhostname
smtpd_sasl_security_options = noanonymous
smtpd_tls_CAfile = /etc/postfix/ssl/smtpd.pem
smtpd_tls_cert_file = /etc/postfix/ssl/smtpd.pem
smtpd_tls_key_file = /etc/postfix/ssl/smtpd.pem
smtpd_tls_loglevel = 1
smtpd_tls_received_header = yes
smtpd_tls_session_cache_timeout = 3600s
smtpd_use_tls = yes


-- listing of /usr/lib/sasl2 --
insgesamt 852
drwxr-xr-x   2 root root  4096 2006-04-25 21:52 .
drwxr-xr-x  70 root root 16384 2006-05-14 00:46 ..
-rw-r--r--   1 root root 13492 2006-04-24 19:27 libanonymous.a
-rw-r--r--   1 root root   851 2006-04-24 19:26 libanonymous.la
-rw-r--r--   1 root root 13824 2006-04-24 19:27 libanonymous.so
-rw-r--r--   1 root root 13824 2006-04-24 19:27 libanonymous.so.2
-rw-r--r--   1 root root 13824 2006-04-24 19:27 libanonymous.so.2.0.19
-rw-r--r--   1 root root 16298 2006-04-24 19:27 libcrammd5.a
-rw-r--r--   1 root root   837 2006-04-24 19:26 libcrammd5.la
-rw-r--r--   1 root root 16180 2006-04-24 19:27 libcrammd5.so
-rw-r--r--   1 root root 16180 2006-04-24 19:27 libcrammd5.so.2
-rw-r--r--   1 root root 16180 2006-04-24 19:27 libcrammd5.so.2.0.19
-rw-r--r--   1 root root 47520 2006-04-24 19:27 libdigestmd5.a
-rw-r--r--   1 root root   860 2006-04-24 19:26 libdigestmd5.la
-rw-r--r--   1 root root 43944 2006-04-24 19:27 libdigestmd5.so
-rw-r--r--   1 root root 43944 2006-04-24 19:27 libdigestmd5.so.2
-rw-r--r--   1 root root 43944 2006-04-24 19:27 libdigestmd5.so.2.0.19
```


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```
-rw-r--r--   1 root root 13726 2006-04-24 19:27 liblogin.a
-rw-r--r--   1 root root   831 2006-04-24 19:26 liblogin.la
-rw-r--r--   1 root root 14028 2006-04-24 19:27 liblogin.so
-rw-r--r--   1 root root 14028 2006-04-24 19:27 liblogin.so.2
-rw-r--r--   1 root root 14028 2006-04-24 19:27 liblogin.so.2.0.19
-rw-r--r--   1 root root 31248 2006-04-24 19:27 libntlm.a
-rw-r--r--   1 root root   825 2006-04-24 19:26 libntlm.la
-rw-r--r--   1 root root 30692 2006-04-24 19:27 libntlm.so
-rw-r--r--   1 root root 30692 2006-04-24 19:27 libntlm.so.2
-rw-r--r--   1 root root 30692 2006-04-24 19:27 libntlm.so.2.0.19
-rw-r--r--   1 root root 20142 2006-04-24 19:27 libotp.a
-rw-r--r--   1 root root   825 2006-04-24 19:26 libotp.la
-rw-r--r--   1 root root 43184 2006-04-24 19:27 libotp.so
-rw-r--r--   1 root root 43184 2006-04-24 19:27 libotp.so.2
-rw-r--r--   1 root root 43184 2006-04-24 19:27 libotp.so.2.0.19
-rw-r--r--   1 root root 13886 2006-04-24 19:27 libplain.a
-rw-r--r--   1 root root   831 2006-04-24 19:26 libplain.la
-rw-r--r--   1 root root 14096 2006-04-24 19:27 libplain.so
-rw-r--r--   1 root root 14096 2006-04-24 19:27 libplain.so.2
-rw-r--r--   1 root root 14096 2006-04-24 19:27 libplain.so.2.0.19
-rw-r--r--   1 root root 21810 2006-04-24 19:27 libsasldb.a
-rw-r--r--   1 root root   852 2006-04-24 19:26 libsasldb.la
-rw-r--r--   1 root root 18692 2006-04-24 19:27 libsasldb.so
-rw-r--r--   1 root root 18692 2006-04-24 19:27 libsasldb.so.2
-rw-r--r--   1 root root 18692 2006-04-24 19:27 libsasldb.so.2.0.19
```

```
-- content of /etc/postfix/sasl/smtpd.conf --
pwcheck_method: saslauthd
mech_list: PLAIN LOGIN
saslauthd_path: /var/run/saslauthd/mux
autotransition: true
```

```
-- active services in /etc/postfix/master.cf --
# service type  private unpriv  chroot  wakeup  maxproc command + args
#               (yes)   (yes)   (yes)   (never) (100)
smtp      inet  n       -       -       -       -       smtpd
pickup    fifo  n       -       -       60      1       pickup
cleanup   unix  n       -       -       -       0       cleanup
qmgr      fifo  n       -       -       300     1       qmgr
rewrite   unix  -       -       -       -       -       trivial-rewrite
bounce    unix  -       -       -       -       0       bounce
defer     unix  -       -       -       -       0       bounce
trace     unix  -       -       -       -       0       bounce
verify    unix  -       -       -       -       1       verify
```


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```
flush     unix  n       -       -       1000?   0       flush
proxymap  unix  -       -       n       -       -       proxymap
smtp      unix  -       -       -       -       -       smtp
relay     unix  -       -       -       -       -       smtp
showq     unix  n       -       -       -       -       showq
error     unix  -       -       -       -       -       error
local     unix  -       n       n       -       -       local
virtual   unix  -       n       n       -       -       virtual
lmtp      unix  -       -       n       -       -       lmtp
anvil     unix  -       -       n       -       1       anvil
maildrop  unix  -       n       n       -       -       pipe
  flags=DRhu user=vmail argv=/usr/local/bin/maildrop -d ${recipient}
uucp      unix  -       n       n       -       -       pipe
  flags=Fqhu user=uucp argv=uux -r -n -z -a$sender - $nexthop!rmail ($recipient)
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 -d -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}



amavis unix - - n - 2 smtp
        -o smtp_data_done_timeout=1200
        -o disable_dns_lookups=yes

127.0.0.1:10025 inet n - n - - smtpd
        -o content_filter=
        -o local_recipient_maps=
        -o relay_recipient_maps=
        -o smtpd_restriction_classes=
        -o smtpd_client_restrictions=
        -o smtpd_helo_restrictions=
        -o smtpd_sender_restrictions=
        -o smtpd_recipient_restrictions=permit_mynetworks,reject
        -o mynetworks=127.0.0.0/8
        -o strict_rfc821_envelopes=yes

-- mechanisms on localhost --
250-AUTH LOGIN PLAIN
250-AUTH=LOGIN PLAIN


-- end of saslfinger output --
```


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Postfix: Probleme mit Postfix und SASL

Links:

- Debian/Postfix: SMTP-Auth einrichten
- Debian/Postfix: TLS einrichten

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2006-05-15 09:31

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