

# postfix config for outgoing smarthost with TLS authentication

this is a short how-to, to get your postfix mailserver to send outgoing mail via a smarthost that requires TLS authentication:

create a password file with the following contents:

```
echo "mail.server.com username:password" > /etc/postfix/smarthost_password
chmod 600 /etc/postfix/smarthost_password
postmap /etc/postfix/smarthost_password
```

edit main.cf

```
nano /etc/postfix/main.cf
```

and add / modify these lines:

```
relayhost = mail.w3design.ch:587
smtp_use_tls=yes
smtp_sasl_auth_enable = yes
smtp_sasl_password_maps = hash:/etc/postfix/smarthost_password
smtp_sasl_security_options = noanonymous
smtp_tls_security_level = encrypt
```

also make sure you're not creating an open relay server for everybody to use. for example limit your acceptable mail networks to localhost only is a good starting point (in main.cf as well):

```
mynetworks = 127.0.0.0/8 [::ffff:127.0.0.0]/104 [::1]/128
```

now check your new config and reload it:

```
postfix check
postfix reload
```

monitor your mail logs and send a test message to see what happens:

```
tail -f /var/log/mail.*
```

in another terminal:

```
echo "this is a test " | mail mail@psuter.ch -s test
```

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