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Postfix use with gmx

- How to use postfix to **send** mails via a public provider.
- Here an example with gmx using Ubuntu.

Install

```
apt-get install postfix libsasl2-modules mailx
```

Autoconf

- When you install postfix a configuration dialog is opened.

- internet with smarthost
- mail relay: mail.gmx.net
- mail name: hostname

- You can reconfigure postfix:

```
dpkg-reconfigure --priority=low postfix
```

.

Authentication

- add to main.cf of postfix

/etc/postfix/main.cf

```
smtp_sasl_auth_enable = yes
# noplaintext # only wenn you provider doesn't support password encryption :
smtp_sasl_security_options = noanonymous
smtp_sasl_password_maps = hash:/etc/postfix/sasl_password
```

- create /etc/postfix/sasl_password

```
sudo touch /etc/postfix/sasl_password
```

- Enter the necessary authentication informations in the following format "smtp.mailanbieter.de username:securepassword".
- Create db file with postmap an then delete plain text file.

```
sudo postmap /etc/postfix/sasl_password
rm /etc/postfix/sasl_password
```

- restart postfix

```
/etc/init.d/postfix restart
```

Correct sender address

- Most provider check the sender address so you can't send mails under another name.
- Therefor postfix has to replace the sender address.

etc/postfix/main.cf:

```
sender_canonical_maps = hash:/etc/postfix/sender_canonical
```

- create "/etc/postfix/sender_canonical" as shown below.

```
user user@gmx.net
www-data user@gmx.net
root user@gmx.net
```

- create db file and restart postfix

```
sudo postmap /etc/postfix/sender_canonical
sudo /etc/init.d/postfix restart
```

Aliases

- Now you need aliases so that postfix know where to send mails to root.

/etc/aliases

```
root:    user@gmx.net
```

- Reload the db file
- You don't need to restart postfix

```
newaliases
```

Test

```
hostname | mailx -s "root `hostname` `date`" root
```

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