

# Radicale - Cal and CardDav

## 1. Install Packages

```
apt update
apt dist-upgrade
apt install radicale apache2-utils
```

## 2. Authentication

In its default configuration Radicale doesn't check usernames or passwords. If the server is reachable over a network, you should change this.

First a users file with all usernames and passwords must be created. It can be stored in the same directory as the configuration file.

The users file can be created and managed with `htpasswd`:

```
# Create a new htpasswd file with the user "user1" using SHA-512 as hash method
$htpasswd -c /etc/radicale/users username
New password:
Re-type new password:
# Add another user
$ htpasswd -C /etc/radicale/users user2
New password:
Re-type new password:
```

## 3. Edit Configfile

```
vim /etc/radicale/config
```

```
[server]
hosts = 0.0.0.0:5232, [::]:5232
```

```
[auth]
type = httpasswd
httpasswd_filename = /etc/radicale/users
```

The default configuration binds the server to localhost. It can't be reached from other computers. This can be changed with the following configuration options (IPv4 and IPv6):

## 4. Fix permissions

```
chown radicale /etc/radicale/users
chown -R radicale:radicale /var/lib/radicale/collections
```

## 5. Running as a Service

```
systemctl enable --now radicale
```

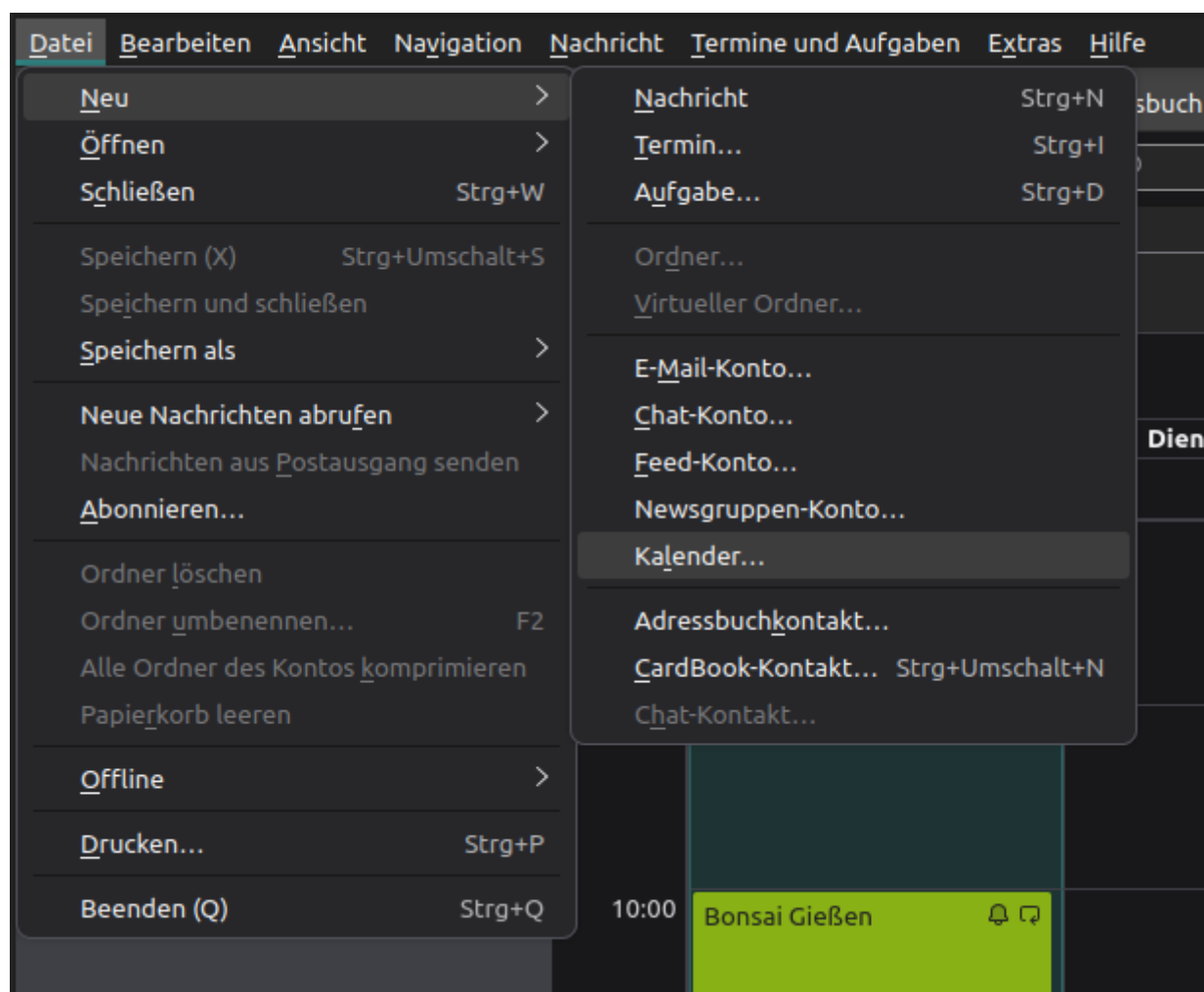
## 6. Run behind reverseproxy

```
server {
    listen 443 ssl; # managed by Certbot
    server_name dav.url.tld;

    location / {
        proxy_pass http://10.10.10.7:5232; # Radicale's default port
        proxy_set_header Host $host;
        proxy_set_header X-Real-IP $remote_addr;
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
        proxy_set_header X-Forwarded-Proto $scheme;
    }
}
```

## 7. Enter GUI and create Calendar and Addressbook

# Calendar



Neuen Kalender erstellen

Benutzername:

test

Adresse:

http://10.10.10.7:5232/test/32ce5185-c24b-3737-a14c-a81

☐

Diese Adresse verlangt keine Zugangsdaten.

☒

Offline-Unterstützung

Zurück

Abbrechen

Kalender suchen

## Addressbook

+ Neuer Kontakt

Neues Adressbuch

CardDAV-Adressbuch hinzufügen

LDAP-Adressbuch hinzufügen

Neues CardDAV-Adressbuch

Benutzername:

test

Adresse:

http://10.10.10.7:5232/test/341d0637-1349-b59a-788b-89b!

Abbrechen

Weiter

Revision #1

Created 20 January 2025 04:14:07 by tinfoil-hat

Updated 20 January 2025 04:16:38 by tinfoil-hat