

OC Basisdokumentation & Entwicklung

Fundamentals https://doc.owncloud.org/server/10.0/developer_manual/app/fundamentals/

Advanced Concepts https://doc.owncloud.org/server/10.0/developer_manual/app/advanced/

Testing Tarballs: <https://download.owncloud.org/community/testing/>

config.php Parameter:

https://doc.owncloud.org/server/10.0/admin_manual/configuration/server/config_sample_php_parameters.html

occ Kommandos:

https://doc.owncloud.com/server/admin_manual/configuration/server/occ_command.html

Installation von Kommandozeile

```
sudo -u www-data php occ maintenance:install --database "mysql" --database-name "owncloud2" --database-user "ocadmin" --database-pass "xxxxxxxxxxxxxx" --admin-user "admin" --admin-pass "xxxxxxxxxxxxxx" --data-dir /mnt/data/ocdata2
```

Update & Maintenance

Maintenance Mode aktivieren (global)

```
sudo -u www-data php occ maintenance:mode --on
```

single user mode, Login nur für User der Admingruppe:

```
sudo -u www-data php occ maintenance:singleuser --on
```

Upgrade starten

```
sudo -u www-data php occ upgrade
```

Danach Maintenance Mode wieder aus

```
sudo -u www-data php occ maintenance:mode --off
```

oder

```
sudo -u www-data php occ maintenance:singleuser --off
```

Code integrity check

```
sudo -u www-data php occ integrity:check-core
sudo -u www-data php occ integrity:check-app $appid
```

Code integrity check global abschalten:

Disable globally with 'integrity.check.disabled' ⇒ true, in config.php

Logging

Loglevel to start logging at. Valid values are: 0 = Debug, 1 = Info, 2 = Warning, 3 = Error, and 4 = Fatal. The default value is Warning.

Code Signing

```
sudo -u www-data php occ integrity:sign-app
--privateKey=/home/thommie/github/oc-app-signing-netzwissen.de.key
--certificate=/home/thommie/github/oc-app-signing-netzwissen.de.crt
--path=/home/thommie/github/oc-theme-nw/
```

App Kommandos

```
app
  app:check-code  check code to be compliant
  app:disable    disable an app
  app:enable     enable an app
  app:getpath    Get an absolute path to the app directory
                 (added in 9.0)
  app:list       List all available apps
```

User Kommandos

Neuen User anlegen (displayname = voller Name, uid = Login)

```
sudo -u www-data php occ user:add --display-name 'Herr test1' --email
'support@netzwissen.de' --group 'User' test1
```

```
The user "test1" was created successfully
Display name set to "Herr test1"
Email address set to "support@netzwissen.de"
User "test1" added to group "User"
```

Passwort als Umgebungsvariable übergeben (z.B. für Masseneintrag) - Achtung, geht nur als root

```
'export OC_PASS=newpassword ''su -s /bin/sh www-data -c  
'php occ user:add --password-from-env --display-name="Fred Jones"  
--group="users" fred' ''  
  
'The user "fred" was created successfully  
Display name set to "Fred Jones" User "fred" added to group "users" ''
```

Passwort Reset

über cli

```
sudo -u www-data php occ user:resetpassword
```

über Mail

```
root@www:/var/www/owncloud# sudo -u www-data php occ user:resetpassword --  
send-email test1  
The password reset link is:  
https://www.netzwissen.de/owncloud/index.php/lostpassword/reset/form/QgBwq9J  
IZJbdhXf7NLq7L/test1
```

über Link

```
sudo -u www-data php occ user:resetpassword --output-link test1
```

Letzten Login zeigen

```
sudo -u www-data php occ user:lastseen schreiber-esslingen@t-online.de
```

Inaktive User suchen

365 Tage

```
root@www:/var/www/owncloud# sudo -u www-data php occ user:inactive 365
```

User löschen

```
sudo -u www-data php occ user:delete
```

User temporär abschalten

```
user:disable [uid]
```

Einfacher Report über alle User

```
sudo -u www-data php occ user:report
```

Rescan aller Daten

```
sudo -u www-data php console.php files:scan --all
```

Dateien löschen, scannen, verschieben (bulk)

```
trashbin:cleanup    Remove deleted files

files
files:cleanup      cleanup filecache
files:scan         rescan filesystem
files:transfer-ownership  All files and folders are moved to another
                        user - shares are moved as well. (Added in 9.0)
```

Datentransfer von User A nach User B:

```
sudo -u www-data php occ files:transfer-ownership --path="gruenerheiner"
thommie4 gruenerheiner
```

Dateien landen beim neuen User in einem separatend transferred-.. Ordner

Verschlüsselung

```
sudo -u www-data php occ app:enable encryption
```

```
sudo -u www-data php occ encryption:enable
```

```
sudo -u www-data php occ encryption:status
```

Verschlüsselung & Sharing

Bei aktiver Verschlüsselung sollte immer über den **Namen** geshared werden, siehe https://doc.owncloud.org/server/master/user_manual/files/encrypting_files.html Erst danach sollte ein Gruppen Share gesetzt werden, der Namens-Share kann dann wieder weg.

Only users who have private encryption keys have access to shared encrypted files and folders. Users who have not yet created their private encryption keys will not have access to encrypted shared files; they will see folders and filenames, but will not be able to open or download the files. They will see a

yellow warning banner that says "Encryption App is enabled but your keys are not initialized, please log-out and log-in again."

Share owners may need to re-share files after encryption is enabled; users trying to access the share will see a message advising them to ask the share owner to re-share the file with them. For individual shares, un-share and re-share the file. For group shares, share with any individuals who can't access the share. This updates the encryption, and then the share owner can remove the individual shares.

Datenbankschema

[Struktur 10.x](#)

Libre Office Online (Collabora)

Anleitungen

<https://central.owncloud.org/t/howto-install-collabora-online-on-ubuntu-16-04-without-docker/3844/8>

Wichtiger Hinweis von reto-ineichen (Jun 17):

Es geht auch viel einfacher, dank dem Team von Collabora CODE!

Gemäss <https://www.collaboraoffice.com/code/> 61 z.B. für Ubuntu 16.04 LTS:

import the signing key

```
apt-key adv -keyserver keyserver.ubuntu.com -recv-keys 0C54D189F4BA284D
```

add the repository URL to /etc/apt/sources.list

```
echo 'deb https://collaboraoffice.com/repos/CollaboraOnline/CODE 28 .' » /etc/apt/sources.list
```

perform the installation

```
apt-get update && apt-get install lolwsd code-brand
```

Dann kontrollieren, dass SSL-Zertifikate in /etc/lolwsd vorhanden sind, sonst wie folgt generieren (aus officeonline-install.sh), siehe <https://github.com/husisusi/officeonlin-install.sh>:

```
mkdir /etc/lolwsd\ openssl genrsa -out /etc/lolwsd/key.pem 4096\ openssl req -out /etc/lolwsd/cert.csr -key /etc/lolwsd/key.pem -new -sha256 -nodes -subj "/C=DE/OU=onlineoffice-install.com/CN=onlineoffice-install.com/emailAddress=nomail@nodo.com" openssl x509 -req -days
```

```
365 -in /etc/loolwsd/cert.csr -signkey /etc/loolwsd/key.pem -out /etc/loolwsd/cert.pem\ openssl x509 -req -days 365 -in /etc/loolwsd/cert.csr -signkey /etc/loolwsd/key.pem -out /etc/loolwsd/ca-chain.cert.pem
```

und dann noch gemäss Anleitung den Apache2-Proxy einrichten.

Der Vorteil liegt auch darin, dass ganz einfach zusätzliche Schriften in Collaboraonline kopiert werden können, nämlich in den Ordner `/opt/collaboraoffice5.3/share/fonts/truetype`. Danach muss nur noch mit

```
sudo systemctl restart loolwsd.service
```

loolwsd neu gestartet werden und alles klappt, wenn in OwnCloud/Nextcloud die App richtig aktiviert wurde.

OIDC

https://doc.owncloud.com/server/admin_manual/configuration/user/oidc/

Debugging UCS

<https://github.com/univention/openid-connect-provider/blob/02e492f22583197d0e01d70c4fbc304a7bfa0b1/app/inst.tmpl#L38>

<https://github.com/univention/openid-connect-provider/blob/master/app/settings>

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