# **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\_paramet ers.html

occ Kommandos: https://doc.owncloud.com/server/admin\_manual/configuration/server/occ\_command.html

## Installation von Kommandzeile

## **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'  $\Rightarrow$  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**

арр	
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 Remo	ve deleted files
<pre>files files:cleanup files:ccan</pre>	cleanup filecache
files:transfer-ownersh	ip 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 loolwsd code-brand

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

mkdir /etc/loolwsd\ openssl genrsa -out /etc/loolwsd/key.pem 4096\ openssl req -out /etc/loolwsd/cert.csr -key /etc/loolwsd/key.pem -new -sha256 -nodes -subj "/C=DE/OU=onlineofficeinstall.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/cachain.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/Nextcoud 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/02e492f22583197d0e01d70c4fbc304a7fb fa0b1/app/inst.tmpl#L38

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

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