# 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 Kommandzeile

```
sudo -u www-data php occ maintenance:install --database "mysql" --database-name "owncloud2"
--database-user "ocadmin" --database-pass "xxxxxxxxxxxxxxx" --admin-user "admin"
--admin-pass "xxxxxxxxxxxx" --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
```

Configreport nach portal.owncloud.com senden

```
sudo -u www-data php occ configreport:generate | curl -XPOST --fail  -H
"Content-Type: application/json" -d @-
https://portal.owncloud.com/apps/customer_portal/api/account/configreports/K
G1c47dYat
```

# 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
```

## User-E-Mail ändern

```
php occ user:modify someusername email someone@example.com

root@app3:/var/www/owncloud# sudo -u www-data php occ user:modify herre
email ngehring@steuerberaterherre.de
The email address of herre updated to ngehring@steuerberaterherre.de
```

## 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

user encryption ist deprecated!!!

```
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.

# Datenbankschema

Struktur 10.x

# ownCloud Metrics

https://www.netzwissen.de/owncloud/ocs/v1.php/apps/metrics/api/v1/metrics

als jsom

curl -H "OC-MetricsApiKey: eK5oAz9efUmSg@cpS&F4" "https://www.netzwissen.de/owncloud/ocs/v1.php/apps/metrics/api/v1/metrics?users=true&files=true&shares=true&quota=true&userData=true&format=json"

# OIDC

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

Client ID erzeugen (php)

```
<php
$bytes = random_bytes(32);
var_dump(bin2hex($bytes));
?>
```

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