

# OC Basisdokumentation & Entwicklung

Fundamentals [https://doc.owncloud.org/server/10.0/developer\\_manual/app/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/](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](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](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 "xxxxxxxxxxxxxxxx" --admin-user "admin" --admin-pass "xxxxxxxxxxxxxxxx" --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](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/](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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