

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

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 json

```
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));  
?>
```

From:
<https://wiki.netzwissen.de/> - **netzwissen.de Wiki**

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<https://wiki.netzwissen.de/doku.php?id=owncloud&rev=1634669846>

Last update: **17/08/2024 - 07:06**

