Nextcloud occ cheat sheet

Field-tested occ commands for running Nextcloud – searchable and copyable in one click.
Run them from the Nextcloud directory, e.g. /var/www/nextcloud.

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cheat sheet

Maintenance & updates

Show version, install state and maintenance mode

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

Enable maintenance mode (locks out users)

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

Disable maintenance mode

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

Finish an upgrade after replacing the code files

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

Run repair steps (mimetypes, caches and more)

```
sudo -u www-data php occ maintenance:repair
```

Verify core file integrity against signatures

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

Files, trash bin & versions

Rescan the file system for all users

```
sudo -u www-data php occ files:scan --all
```

Rescan files of a single user

```
sudo -u www-data php occ files:scan USER
```

Rescan only one folder (faster)

```
sudo -u www-data php occ files:scan --
path="/USER/files/FOLDER"
```

Rescan the appdata folder (e.g. previews)

```
sudo -u www-data php occ files:scan-app-data
```

Remove orphaned entries from the file cache

```
sudo -u www-data php occ files:cleanup
```

! Permanently empty the trash bin of all users

```
sudo -u www-data php occ trashbin:cleanup --all-users
```

! Delete trash bin files past the retention policy

```
sudo -u www-data php occ trashbin:expire
```

! Delete all file versions of all users

```
sudo -u www-data php occ versions:cleanup
```

Users & groups

List all users

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

Show user details (quota, groups, last login)

```
sudo -u www-data php occ user:info USER
```

Create a user and add to a group (prompts for password)

```
sudo -u www-data php occ user:add --display-name="Max
Mustermann" --group="staff" USER
```

Reset a user's password

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

Disable a user (data is kept)

```
sudo -u www-data php occ user:disable USER
```

! Delete a user including all files

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

Show a user's last login

```
sudo -u www-data php occ user:lastseen USER
```

Add a user to a group

```
sudo -u www-data php occ group:adduser GROUP USER
```

Apps

List enabled and disabled apps with versions

```
sudo -u www-data php occ app:list
```

Enable an app

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

Disable an app (e.g. after a broken update)

```
sudo -u www-data php occ app:disable APP
```

Update all apps to the latest version

```
sudo -u www-data php occ app:update --all
```

Database, cron & config

Add missing database indices (admin overview warning)

```
sudo -u www-data php occ db:add-missing-indices
```

Switch background jobs to system cron

```
sudo -u www-data php occ background:cron
```

Show trusted domains

```
sudo -u www-data php occ config:system:get
trusted_domains
```

Add a domain as index 2 to trusted_domains

```
sudo -u www-data php occ config:system:set
trusted_domains 2 --value="cloud.example.com"
```

Set log level to warning (0=debug … 4=fatal)

```
sudo -u www-data php occ config:system:set loglevel --
value=2 --type=integer
```

Security & logs

Show server-side encryption status

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

Show 2FA state and providers of a user

```
sudo -u www-data php occ twofactorauth:state USER
```

! Disable TOTP 2FA for a user (lost device)

```
sudo -u www-data php occ twofactorauth:disable USER
totp
```

Show the last 100 log entries (logreader app)

```
sudo -u www-data php occ log:tail 100
```