

# Backup

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To backup a Nextcloud installation there are five main things you need to retain:

1. The config folder
2. The custom apps folder (only if you have custom apps installed)
3. The data folder
4. The theme folder
5. The database

## Maintenance mode

`maintenance:mode` locks the sessions of logged-in users and prevents new logins in order to prevent inconsistencies of your data. You must run `occ` as the HTTP user, like this example on Ubuntu Linux:

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

You may also put your server into this mode by editing `config/config.php`. Change `"maintenance" => false` to `"maintenance" => true`:

```
<?php
```

```
"maintenance" => true,
```

Don't forget to change it back to `false` when you are finished.

# Backup folders

Copy your config, data, and theme directories to a location outside your Nextcloud environment. Alternatively, copy your entire Nextcloud installation directory (including the data directory). You could use this command:

```
rsync -Aavx nextcloud/ nextcloud-dirbkp_`date +"%Y%m%d"` /
```

# Backup database



Before restoring a backup see [Restoring backup](#)

# MariaDB

MariaDB is the recommended database engine. To backup MariaDB using [mariadb-dump](#):

```
mariadb-dump --single-transaction -h [server] -u [username] -p[password] [db_name] >  
nextcloud-sqlbkp_`date +"%Y%m%d"` .bak
```

If you have enabled MariaDB 4-byte support ([Enabling MySQL 4-byte support](#), needed for emoji), add `--default-character-set=utf8mb4`:

```
mariadb-dump --single-transaction --default-character-set=utf8mb4 -h [server] -u [username] -  
p[password] [db_name] > nextcloud-sqlbkp_`date +"%Y%m%d"` .bak
```

# MySQL

To backup MySQL:

```
mysqldump --single-transaction -h [server] -u [username] -p[password] [db_name] > nextcloud-sqlbkp_`date +%Y%m%d`.bak
```

If you have enabled MySQL 4-byte support ([Enabling MySQL 4-byte support](#), needed for emoji), add

```
--default-character-set=utf8mb4:
```

```
mysqldump --single-transaction --default-character-set=utf8mb4 -h [server] -u [username] -p[password] [db_name] > nextcloud-sqlbkp_`date +%Y%m%d`.bak
```

## SQLite

```
sqlite3 data/owncloud.db .dump > nextcloud-sqlbkp_`date +%Y%m%d`.bak
```

## PostgreSQL

```
PGPASSWORD="password" pg_dump [db_name] -h [server] -U [username] -f nextcloud-sqlbkp_`date +%Y%m%d`.bak
```

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📄 #3

📄 cocobook-sync 📄 2026-10-28 16:30:37 UTC

📄 cocobook-sync 📄 2026-10-29 01:09:26 UTC