Systemadministration

> **Hinweis (0.0.8-Erweiterungen):** Mit Version 0.0.8 kommen zwei zusaetzliche Datenbank-Verbindungen für den Website-Sync hinzu (`WEB_DATABASE_*` und `WEB_MONGO_DATABASE_*`). Siehe Seite *0.0.8 Versionshinweise* und *Architektur-Überblick*.

Installieren und Konfigurieren von MongoDB

Befehlszeile für Debian:

apt update

apt-get install curl gnupg2 wget -y

curl -fsSL https://pgp.mongodb.com/server-7.0.asc | gpg -o /usr/share/keyrings/mongodb-server-7.0.gpg --dearmor

echo "deb [signed-by=/usr/share/keyrings/mongodb-server-7.0.gpg] http://repo.mongodb.org/apt/debian bullseye/mongodb-org/7.0 main" | tee /etc/apt/sources.list.d/mongodb-org-7.0.list

apt update

apt install mongodb-org -y

mongod --version

systemctl start mongod

systemctl enable mongod

create admin user

mongosh

use admin

db.createUser({user: "admin", pwd: "xxxxxxxx", roles: [{ role: "userAdminAnyDatabase", db: "admin" }] });

exit;

switch on authentication
vi /etc/mongod.conf

security:

authorization: enabled

net:

bindIp:192.168.xxx.xxx (or leave as 127.0.0.1 or hostname as required)

systemctl restart mongod
systemctl status mongod

Optional: if Status is not running (error 14) it may be that you need to remove socket lock (permissions are now incorrect)
cd /tmp
rm -rf mongodb*.sock

log in and create database user
mongosh "mongodb://admin:xxxxxxxx@192.168.xxx.xxx:27017/ddok" --authenticationDatabase admin

db.createUser({user: "ddok", pwd: "xxxxxxxx", roles: [{ role: "readWrite", db: "ddok" }] })

Unpack mongodb

Dies ist erforderlich, wenn wir Ihnen einen MongoDB-Dump gesendet haben.

mongorestore --host=192.168.xxx.xxx --port=27017 --username=ddok --password=xxxxxxxx --db=ddok --archive=mongodump

node server config.js (für version 1.0.0)

```
module.exports =
{
    ////////////////////////////////////
    //  Configuration for D-DOK server
    //  All of these values may be overridden by setting environment variables
    ////////////////////////////////////


    // NODE_ENV: 'development' | 'production' (default)
    NODE_ENV: 'production',
    // PORT: web server port (default 80)
    PORT: 3000,
    // PROXY: trust reverse proxy when setting secure cookies (via the "X-Forwarded-Proto" header)
(default false)
    PROXY: false,


    ////////////////////////////////////
    // Logging
    ////////////////////////////////////


    // LOG_ENABLED: true (default) | false
    LOG_ENABLED: true,
    // LOG_LEVEL: 'error' | 'warn' | 'info' (default) | 'verbose' | 'debug' | 'silly'
    LOG_LEVEL: 'verbose',


    ////////////////////////////////////
    // D-DOK Database
    ////////////////////////////////////


    // DATABASE_TYPE: 'mysql' (required)
    DATABASE_TYPE: 'mysql',
    // DATABASE_USERNAME: (required)
    DATABASE_USERNAME: 'xxxxx',
    // DATABASE_PASSWORD: (required)
    DATABASE_PASSWORD: 'xxxxx',
    // DATABASE_HOST: hostname or IP address of the database server (required)
    DATABASE_HOST: 'localhost',
    // DATABASE_PORT: port to which the database server is bound (required)
    DATABASE_PORT: 3306,
    // DATABASE_NAME: name of the database (required)
    DATABASE_NAME: 'xxxxx',


    ////////////////////////////////////
    // Mongo Database
    ////////////////////////////////////


    // MONGO_DATABASE_USERNAME: (required)
    MONGO_DATABASE_USERNAME: 'xxxxx',
    // MONGO_DATABASE_PASSWORD: (required)
```

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git.agrarforschung.at/ddok/ddok (https://git.agrarforschung.at/ddok/ddok)

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