

Systemadministrati on

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: "xxxxxxx", 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:xxxxxxx@192.168.xxx.xxx:27017/ddok" --authenticationDatabase admin
  db.createUser( {user: "ddok", pwd: "xxxxxxx", 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=xxxxxxx --db=ddok --archive=mongodump
```

node server config.js

```
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
  // DESS_LINK_ENABLED: flag if D-DOK uses D-ESS database. this should ALWAYS be set to true. false is not yet supported.
  DESS_LINK_ENABLED: true,

  // 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)
  MONGO_DATABASE_PASSWORD: 'xxxxx',
  // MONGO_DATABASE_HOST hostname or IP address of the database server (required)
  MONGO_DATABASE_HOST: '127.0.0.1',
  // MONGO_DATABASE_PORT: port to which the database server is bound (required)
  MONGO_DATABASE_PORT: 27017,
  // MONGO_DATABASE_NAME: name of the database (required)
  MONGO_DATABASE_NAME: 'xxxxx',

  // Active Directory (LDAP) Authentication
  // AD_ENABLED: Active Directory auth enabled
  AD_ENABLED: false,
  // AD_URL: URL of the ldap server (required)
  AD_URL: 'ldaps://DC1.xxxxx.network',
  // AD_BIND_DN: username that will be used to do the searching and request (required)
  AD_BIND_DN: 'DC=xxxxx,DC=network',
  // AD_BIND_USER: username for LDAP bind (required)
  AD_BIND_USER: 'xxxxx@xxxxx.network',
  // AD_BIND_PASSWORD: password for LDAP bind (required)
  AD_BIND_PASSWORD: 'xxxxx',
  // AD_USERNAME_ATTRIBUTE: Username attribute
  AD_USERNAME_ATTRIBUTE: 'sAMAccountName',
  // AD_SEARCH_FILTER: search filter for user nodes. {{username}} is posted to LDAP (required)
  AD_SEARCH_FILTER: '(sAMAccountName={{username}})',
  // AD_GROUP_FILTER: search filter for group nodes.
  AD_GROUP_FILTER: 'OU=Guest,DC=xxxxx,DC=network',

  // OpenID Connect (OIDC) Authentication
  // OIDC_ENABLED: OIDC auth enabled
  OIDC_ENABLED: false,
  // OIDC_BUTTON_SHOW: Show button on login page
  OIDC_BUTTON_SHOW: false,
  // OIDC_BUTTON_TEXT: Text to show on login page button
```

```

OIDC_BUTTON_TEXT: 'Mit Keycloak Anmelden',
// OIDC_CLIENT_SECRET: secret application password in OIDC server
OIDC_CLIENT_SECRET: 'xxxxx',
// OIDC_CLIENT_ID: public client id in OIDC server
OIDC_CLIENT_ID: 'xxxxx',
// OIDC_ISSUER: OIDC Issuer URL
OIDC_ISSUER: 'https://sso.xxxxx.at/realms/xxxxx',

////////////////////////////////////
// SMTP Email server (optional)
////////////////////////////////////

// EMAIL_ENABLED: Email enabled
EMAIL_ENABLED: false, // true
// EMAIL_USERNAME: SMTP server username
EMAIL_USERNAME: 'xxxxx@xxxxx.network',
// EMAIL_PASSWORD: SMTP server password
EMAIL_PASSWORD: 'xxxxx',
// EMAIL_FROM: Email address
EMAIL_FROM: 'noreply@xxxxx.network',
// EMAIL_HOST: hostname or IP address of the SMTP server
EMAIL_HOST: 'mail.xxxxx.network',
// EMAIL_PORT: port to which the SMTP server is bound
EMAIL_PORT: 587,
// EMAIL_SECURE: if true the connection will use TLS when connecting to server.
// If false (the default) then TLS is used if server supports the STARTTLS extension.
// In most cases set this value to true if you are connecting to port 465.
// For port 587 or 25 keep it false
EMAIL_SECURE: false,
// TEXT and HTML templates for email notifications
// {administrator} - substituted with name of user who has triggered the notification "Surname, Firstname"
// {dateTime} - substituted with formatted datetime of the event "DD.MM.YYYY HH:mm:ss"
// {projectName} - substituted with name of the project
// {publicationName} - substituted with name of the publication
// {fileNames} - substituted with comma separated list of added file names

EMAIL_ADD_PUBLICATION_NOTIFICATION_SUBJECT: 'D-DOK Notifikation: Neue Publikation',
EMAIL_ADD_PUBLICATION_NOTIFICATION_TEXT: 'Eine neue Publikation wurde von {administrator} am {dateTime} erstellt.',
EMAIL_ADD_PUBLICATION_NOTIFICATION_HTML: '{projectName}<br>Eine neue Publikation wurde von <b>{administrator}</b> am <b>{dateTime}</b>
erstellt.<br>{publicationName}',
EMAIL_ADD_PUBLICATION_PDF_NOTIFICATION_SUBJECT: 'D-DOK Notifikation: Neue Publikation PDF',
EMAIL_ADD_PUBLICATION_PDF_NOTIFICATION_TEXT: 'Eine neue Publikation PDF wurde von {administrator} am {dateTime} hochgeladen.',
EMAIL_ADD_PUBLICATION_PDF_NOTIFICATION_HTML: '{projectName}<br>Eine neue Publikation PDF wurde von <b>{administrator}</b> am <b>
{dateTime}</b> hochgeladen.<br>{publicationName}',
EMAIL_USER_ADD_PROJECT_ADMIN_NOTIFICATION_SUBJECT: 'D-DOK Notifikation: Ihnen wurde die Berechtigung eines Projektadministrators erteilt',
EMAIL_USER_ADD_PROJECT_ADMIN_NOTIFICATION_TEXT: 'Sie wurden von {administrator} am {dateTime} zum Projektadministrator für das Projekt
{projectName} ernannt.',
EMAIL_USER_ADD_PROJECT_ADMIN_NOTIFICATION_HTML: '{projectName}<br>Sie wurden von <b>{administrator}</b> am <b>{dateTime}</b> zum
Projektadministrator ernannt.',

////////////////////////////////////
// WEB Database (for Website database export) added in version 0.0.8
////////////////////////////////////

// WEB_DATABASE_USERNAME: (required)
WEB_DATABASE_USERNAME: 'xxxxx',
// WEB_DATABASE_PASSWORD: (required)
WEB_DATABASE_PASSWORD: 'xxxxx',
// WEB_DATABASE_HOST: hostname or IP address of the database server (required)
WEB_DATABASE_HOST: 'localhost',
// WEB_DATABASE_PORT: port to which the database server is bound (required)
WEB_DATABASE_PORT: 3306,
// WEB_DATABASE_NAME: name of the database (required)
WEB_DATABASE_NAME: 'xxxxx',

// WEB_MONGO_DATABASE_USERNAME: (required)
WEB_MONGO_DATABASE_USERNAME: 'xxxxx',
// WEB_MONGO_DATABASE_PASSWORD: (required)
WEB_MONGO_DATABASE_PASSWORD: 'xxxxx',
// WEB_MONGO_DATABASE_HOST hostname or IP address of the database server (required)
WEB_MONGO_DATABASE_HOST: '127.0.0.1',
// WEB_MONGO_DATABASE_PORT: port to which the database server is bound (required)
WEB_MONGO_DATABASE_PORT: 27017,
// WEB_MONGO_DATABASE_NAME: name of the database (required)
WEB_MONGO_DATABASE_NAME: 'xxxxx',

////////////////////////////////////
// System settings
////////////////////////////////////

// SYSTEM_PUBLICATION_TYPE_SHOW_AUTHOR_POINTS: show author points on publication type page
SYSTEM_PUBLICATION_TYPE_SHOW_AUTHOR_POINTS : false,
// SYSTEM_WIJMO_LICENSE_KEY: wijmo license
SYSTEM_WIJMO_LICENSE_KEY: 'xxxxx'
};

```

🔄Version #18

★Erstellt: 2025-06-18 10:56:47 CEST von thomas.skidmore

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