

# Container 'wiki'

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## Ressourcen

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- 0.5 GB RAM
- 2 Cores
- 8 GB HDD (root-fs)

## System

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- interne IPs
  - 10.2.0.2, fd00:10:2:0::2

## Dienste

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- Dokuwiki (via NGINX)

## Installation

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- Standard-Template mit Benutzern

## NGINX / PHP

1. NGINX und PHP-FPM installieren
  - **sudo apt-get install php7.3 php7.3-cli php7.3-fpm php7.3-gd php7.3-xml php7.3-zip php7.3-mbstring nginx**
2. Default-Konfiguration anpassen

/etc/nginx/sites-available/default

```
server {
    listen 80 default_server;
    listen [::]:80 default_server;

    root /var/www/public_html;

    # Add doku.php as index
    index doku.php;

    server_name _;

    location / {
        try_files $uri $uri/ @dokuwiki;
    }

    # Do not serve config, data and .ht*
    # Comment during installation
    location ~ /(data/|conf/|bin/|inc/|install.php) {
        return 403;
    }
    location ~ /\.ht { deny all; }

    # Maximum POST-size and Buffer
    client_max_body_size 20M;
    client_body_buffer_size 128K;

    # Rewrite Rules
    location @dokuwiki {
        rewrite ^/_media/(.*) /lib/exe/fetch.php?media=$1 last;
```

```

rewrite ^/_detail/(.*) /lib/exe/detail.php?media=$1 last;
rewrite ^/_export/([^/]+)/(.*) /doku.php?do=export_$1&id=$2 last;
rewrite ^/(.*) /doku.php?id=$1 last;
}

# pass PHP scripts to FastCGI server
location ~ \.php$ {
    try_files $uri =404;
    fastcgi_pass unix:/var/run/php/php7.3-fpm.sock;
    fastcgi_index index.php;
    include fastcgi_params;
    fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;
}
}

```

### 3. Dienste aktivieren und neustarten

- **sudo systemctl enable nginx.service php7.3-fpm.service**
- **sudo systemctl restart nginx.service php7.3-fpm.service**

## Dokuwiki

### 1. Dokuwiki-Verzeichnisse erstellen

- **sudo mkdir /var/www/{public\_html,data}**

### 2. Dokuwiki installieren

- nach [Anleitung](#)
  - Entpacken in das Verzeichnis /var/www/public\_html
  - Datenverzeichnis nach /var/www/data (bzw. ../data)

### 3. Berechtigungen anpassen

- **chown -R www-data:www-data /var/www/{public\_html,data}**

### 4. Cache-Cleanup einrichten

#### 1. Cleanup-Skript

```
/usr/local/bin/cleanup_dokuwiki_cache.sh
```

```
#!/bin/bash

cleanup()
{
    local data_path="$1"          # full path to data directory of wiki
    local retention_days="$2"    # number of days after which old files are to be
    removed

    # remove stale lock files (files which are 1-2 days old)
    find "${data_path}/locks/ -name '*.lock' -type f -mtime +1 -delete

    # remove files older than ${retention_days} days from the cache
    find "${data_path}/cache/ -type f -mtime +${retention_days} -delete
}

# cleanup DokuWiki installations (path to datadir, number of days)
cleanup /var/www/data 180

```

#### 2. Cleanup-Skript ausführbar machen

- **chmod +x /usr/local/bin/cleanup\_dokuwiki\_cache.sh**

#### 3. Cleanup-Skript als Cronjob einrichten machen

- **<nowiki>echo -e „0 2 \* \* \* \troot\t/usr/local/bin/cleanup\_dokuwiki\_cache.sh“ | sudo tee /etc/cron.d/dokwiki > /dev/null</nowiki>**

## Backup mit Borgmatic

### 1. Installation siehe [mariadb](#)

### 2. Konfiguration

/etc/borgmatic/config.yaml

```
...
location:
  # List of source directories to backup (required). Globs and
  # tildes are expanded.
  source_directories:
    - /etc
    - /home
    - /root
    - /usr/local
    - /var/log
    - /var/www
...
```

**Dauerhafter Link zu diesem Dokument:**

<https://wiki.technikkultur-erfurt.de/dienste:bytecluster0002:wiki?rev=1663755139>

Dokument zuletzt bearbeitet am: **21.09.2022 10:12**

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