

Container 'wiki'

Ressourcen

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

System

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

Dienste

- Dokuwiki (via NGINX)

Installation

- Standard-Template mit Benutzern

NGINX / PHP

1. NGINX und PHP-FPM installieren
 - **sudo apt-get install php7.4 php7.4-cli php7.4-fpm php7.4-gd php7.4-xml php7.4-zip php7.4-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 _;

    # Block Bytespider
    if ($http_user_agent ~ (Bytespider|bytedance) ) {
        return 403;
    }

    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/php7.4-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 php7.4-fpm.service**
- **sudo systemctl restart nginx.service php7.4-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/dokuwiki > /dev/null/</nowiki>**

robots.txt

Quelle: <https://neil-clarke.com/block-the-bots-that-feed-ai-models-by-scraping-your-website/>

1. Robots.txt setzen

/var/www/public_html/robots.txt

```
User-agent: CCBot
Disallow: /

User-agent: ChatGPT-User
Disallow: /

User-agent: GPTBot
Disallow: /

User-agent: Google-Extended
Disallow: /

User-agent: anthropic-ai
Disallow: /

User-agent: Omgilibot
Disallow: /

User-agent: Omgili
Disallow: /

User-agent: FacebookBot
Disallow: /

User-agent: Bytespider
Disallow: /

User-agent: ImagesiftBot
Disallow: /
```

2. Berechtigungen anpassen

- **chown www-data:www-data /var/www/public_html/robots.txt**

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>

Dokument zuletzt bearbeitet am: **18.03.2024 22:10**

Verein zur Förderung von Technikkultur in Erfurt e.V

<https://wiki.technikkultur-erfurt.de/>

