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 php7.3 php7.3-cli php7.3-fpm php7.3-gd php7.3-xml php7.3-zip php7.3-mbstring nginx**
2. Default-Konfiguration anpassen

```
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

```
#!/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

```
...
```

```
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

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