# Container 'matrix-element'

## Ressourcen

- 0.25 GB RAM
- 1 Cores
- 3 GB HDD (root-fs)

## System

- interne IPs
  - 10.2.0.15, fd00:10:2:0::15

## Dienste

- element-web (via NGINX)

## Installation

- Standard-Template mit Benutzern

### NGINX

1. NGINX installieren
   - **sudo apt-get install nginx**
2. Konfigurationen erstellen

   /etc/nginx/sites-available/default

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

    root /usr/share/element-web;

    index index.html;

    server_name _;

        location / {
        # First attempt to serve request as file, then
        # as directory, then fall back to displaying a 404.
        try_files $uri $uri/ =404;
    }
}
```

3. Installation element-web via Debian Paket:

```
sudo apt install -y wget apt-transport-https
sudo wget -O /usr/share/keyrings/element-io-archive-keyring.gpg
https://packages.element.io/debian/element-io-archive-keyring.gpg
echo "deb [signed-by=/usr/share/keyrings/element-io-archive-keyring.gpg]
https://packages.element.io/debian/ default main" | sudo tee
/etc/apt/sources.list.d/element-io.list
sudo apt update
sudo apt install element-web
```

4. Konfigurationen anpassen

/etc/element-web/config.json

```
{
    "default_server_config": {
        "m.homeserver": {
            "base_url": "https://erfurt.chat",
            "server_name": "erfurt.chat"
        },
        "m.identity_server": {
            "base_url": "https://vector.im"
        }
    },
    "disable_custom_urls": false,
    "disable_guests": false,
    "disable_login_language_selector": false,
    "disable_3pid_login": false,
    "force_verification": false,
    "brand": "erfurt.chat",
    "integrations_ui_url": "https://scalar.vector.im/",
    "integrations_rest_url": "https://scalar.vector.im/api",
    "integrations_widgets_urls": [
        "https://scalar.vector.im/_matrix/integrations/v1",
        "https://scalar.vector.im/api",
        "https://scalar-staging.vector.im/_matrix/integrations/v1",
        "https://scalar-staging.vector.im/api",
        "https://scalar-staging.riot.im/scalar/api"
    ],
    "default_widget_container_height": 280,
    "default_country_code": "DE",
    "show_labs_settings": false,
    "features": {},
    "default_federate": true,
    "default_theme": "light",
    "room_directory": {
        "servers": [
            "erfurt.chat",
            "matrix.org"
        ]
    },
    "enable_presence_by_hs_url": {
        "https://matrix.org": false,
        "https://matrix-client.matrix.org": false
    },
    "setting_defaults": {
        "breadcrumbs": true
    },
    "jitsi": {
        "preferred_domain": "meet.element.io"
    },
    "element_call": {
        "url": "https://call.element.io",
        "participant_limit": 8,
        "brand": "Element Call"
    },
    "map_style_url":
"https://api.maptiler.com/maps/streets/style.json?key=fU3vlMsMn4Jb6dnEIFsx",
    "branding": {
        "authFooterLinks": [
            {
```

```
                "url": "https://technikkultur-erfurt.de/impressum/",
                "text": "Impressum"
            },
            {
                "url": "https://technikkultur-erfurt.de/datenschutzerklaerung/",
                "text": "Datenschutzerklärung"
            }
        ]
    }
}
```

5. Dienst aktivieren und neustarten

```
sudo systemctl enable nginx.service
sudo systemctl restart nginx.service
```

## 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
        - /var/log
        - /var/www
...
```

**Dauerhafter Link zu diesem Dokument:**
**https://wiki.technikkultur-erfurt.de/dienste:bytecluster0002:matrix-element**

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