

# 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 /var/www/public_html;

    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. Webverzeichnis erstellen
  - **sudo mkdir -p /var/www/public\_html**
4. Installation von Element-web (letztes tar.gz von <https://github.com/vector-im/element-web/releases>)
  - **wget**  
<https://github.com/vector-im/element-web/releases/download/v1.11.36/element-v1.11.36.tar.gz>
  - **tar --strip-components=1 --extract --gunzip --file=element-v1.11.36.tar.gz --directory=/var/www/public\_html/**
  - **sudo cp /var/www/public\_html/config.sample.json /var/www/public\_html/config.json**
  - **sudo chown -R www-data:www-data /var/www/public\_html**
5. Konfigurationen anpassen

/var/www/public\_html/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,
"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"
],
"bug_report_endpoint_url": "https://element.io/bugreports/submit",
"uisi_autorageshake_app": "element-auto-uisi",
"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"
      }
    ]
  }
}
```

6. 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>

Dokument zuletzt bearbeitet am: **29.07.2023 22:05**

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