# Container 'pad'

## Ressourcen

- 0.5 GB RAM
- 1 Cores
- 5 GB HDD (root-fs)

## System

- interne IPs
  - 10.2.0.3, fd00:10:2:0::3
  - 10.3.0.3, fd00:10:3:0::3

## Dienste

- Etherpad-Lite mit Plugins
  - ep_pad_lister

## Installation

- Standard-Template mit Benutzern

### Etherpad-Lite

1. Git installieren
   - **sudo apt-get install git**
2. Benutzer anlegen
   - **sudo useradd -m -c „Etherpad“ etherpad -s /bin/bash**
3. NodeJS installieren
   - **curl -sL https://deb.nodesource.com/setup_14.x | sudo -E bash -**
   - **sudo apt-get install nodejs**
4. Etherpad-Lite installieren
   - **sudo mkdir /opt/etherpad-lite**
   - **sudo chown etherpad:etherpad /opt/etherpad-lite**
   - **sudo -u etherpad git clone –branch master https://github.com/ether/etherpad-lite.git /opt/etherpad-lite**
5. Etherpad-Standard-Konfiguration kopieren
   - **sudo -u etherpad cp /opt/etherpad-lite/settings.json.template /opt/etherpad-lite/settings.json**
6. Etherpad-Konfiguration anpassen

   /opt/etherpad-lite/settings.json

```
...
  "skinName": "colibris",
...
  "ip": "10.2.0.3",
  "port": 9001,
...
  /*
  "dbType": "dirty",
  "dbSettings": {
    "filename": "var/dirty.db"
  },
  */
...
  "dbType" : "mysql",
  "dbSettings" : {
    "user":     "XXXXXXXX",
```

```
    "host":     "10.3.0.100",
    "port":     3306,
    "password": "XXXXXXXXX",
    "database": "etherpadlite",
    "charset":  "utf8mb4"
  },
...
  "trustProxy": true,
...
```

7. Etherpad-Abhängigkeiten updaten
   - **sudo -u etherpad /opt/etherpad-lite/bin/installDeps.sh**
8. Plugins installieren
   - **sudo su - etherpad**
   - **cd /opt/etherpad-lite**
   - **npm install ep_pad-lister**
   - **exit**
9. systemd Unit einrichten

   /etc/systemd/system/etherpad-lite.service

```
[Unit]
Description=Etherpad-lite, the collaborative editor.
After=syslog.target network.target

[Service]
Type=simple
User=etherpad
Group=etherpad
WorkingDirectory=/opt/etherpad-lite
Environment=NODE_ENV=production
ExecStart=/usr/bin/nodejs --experimental-worker /opt/etherpad-
lite/node_modules/ep_etherpad-lite/node/server.js
# use mysql plus a complete settings.json to avoid Service hold-off time over,
scheduling restart.
Restart=always

[Install]
WantedBy=multi-user.target
```

10. systemd unit einlesen, aktivieren und starten
    - **sudo systemctl daemon-reload**
    - **sudo systemctl enable --now etherpad-lite.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
        - /opt
        - /root
        - /var/log
```

```
. . .
```