

# 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](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
```

...

**Dauerhafter Link zu diesem Dokument:**

<https://wiki.technikkultur-erfurt.de/dienste:bytecluster0002:pad>

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