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 und npm installieren
   - **curl -sL https://deb.nodesource.com/setup_24.x | sudo -E bash -**
   - **sudo apt-get install nodejs npm**
4. pnpm installieren
   - **sudo npm install -g pnpm**
5. 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.git /opt/etherpad-lite**
6. Etherpad-Standard-Konfiguration kopieren
   - **sudo -u etherpad cp /opt/etherpad-lite/settings.json.template /opt/etherpad-lite/settings.json**
7. Etherpad-Konfiguration anpassen

```
...
  "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,
...
```

8. Etherpad-Abhängigkeiten updaten
   - **sudo su - etherpad**
   - **cd /opt/etherpad-lite**
   - **pnpm i**
   - **pnpm run build:etherpad**
   - **exit**
9. Plugins installieren
   - **sudo su - etherpad**
   - **cd /opt/etherpad-lite**
   - **pnpm run plugins i ep_pad-lister**
   - **exit**
10. systemd Unit einrichten

```
[Unit]
Description=Etherpad - real-time collaborative editor
Documentation=https://etherpad.org https://github.com/ether/etherpad
After=network-online.target
Wants=network-online.target

[Service]
Type=simple
User=etherpad
Group=etherpad
WorkingDirectory=/opt/etherpad-lite
Environment=NODE_ENV=production
ExecStart=pnpm run prod
Restart=on-failure
RestartSec=5s
TimeoutStopSec=20s

StandardOutput=journal
StandardError=journal
SyslogIdentifier=etherpad

# --- Sandboxing ----------------------------------------------------------
NoNewPrivileges=true
ProtectSystem=strict
PrivateTmp=true
PrivateDevices=true
ProtectKernelTunables=true
ProtectKernelModules=true
ProtectKernelLogs=true
ProtectControlGroups=true
ProtectHostname=true
ProtectClock=true
RestrictRealtime=true
RestrictSUIDSGID=true
RestrictNamespaces=true
LockPersonality=true
# Node's JIT needs W+X mappings
MemoryDenyWriteExecute=false
SystemCallArchitectures=native
RestrictAddressFamilies=AF_UNIX AF_INET AF_INET6 AF_NETLINK
```

```
UMask=0027
ReadWritePaths=/opt/etherpad-lite

LimitNOFILE=65536

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

11. systemd unit einlesen, aktivieren und starten
    - **sudo systemctl daemon-reload**
    - **sudo systemctl enable --now etherpad.service**

Backup mit Borgmatic

1. Installation siehe mariadb
2. Konfiguration

```
...
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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