

Debian 13 LXC-Container & PrintFleet

#printfleet #python #Know-How-Schmiede #Software-Tips #programmierung

ip: 192.168.1.169

user: root / MeinSternPasswort

IP-Adresse ermitteln

```
ip address
```

In der Konsole von Proxmox erste Updates und SSH-Zugriff installieren und einrichten

```
apt-get update
```

```
apt-get upgrade
```

```
apt install sudo
```

```
sudo apt install openssh-server
```

SSH-Konfiguration anpassen (optional)

```
sudo nano /etc/ssh/sshd_config
```

folgende Zeilen dürfen nicht auskommentiert sein.

```
Port 22
PermitRootLogin no
PasswordAuthentication yes
PubkeyAuthentication yes
# PermitRootLogin yes (nicht empfohlen)
```

danach den Dienst neu starten

```
sudo systemctl restart ssh
```

Von Windows, Linux oder MacOS die SSH-Verbindung testen und SSH-Schlüssel erzeugen

```
ssh benutzername@IP_DES_DEBIAN
```

```
ssh root@192.168.1.169
```

mit Putty unter Windows am Debian-Server anmelden

The screenshot shows a PuTTY session titled "192.168.1.169 - PuTTY". The terminal window displays the following text:

```
login as: root
root@192.168.1.169's password:
Linux PrintFleetDB 6.8.12-15-pve #1 SMP PREEMPT_DYNAMIC PMX 6.8.12-15 (2025-09-1
2T11:02Z) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Sun Nov 16 21:34:25 2025 from 192.168.1.168
root@PrintFleetDB:~#
```

Installation PrintFleetDB

Notwendige Pakete für Git und Python

```
sudo apt update
sudo apt install git python3 python3-venv python3-pip
sudo apt install build-essential
```

Verzeichnisstruktur anlegen

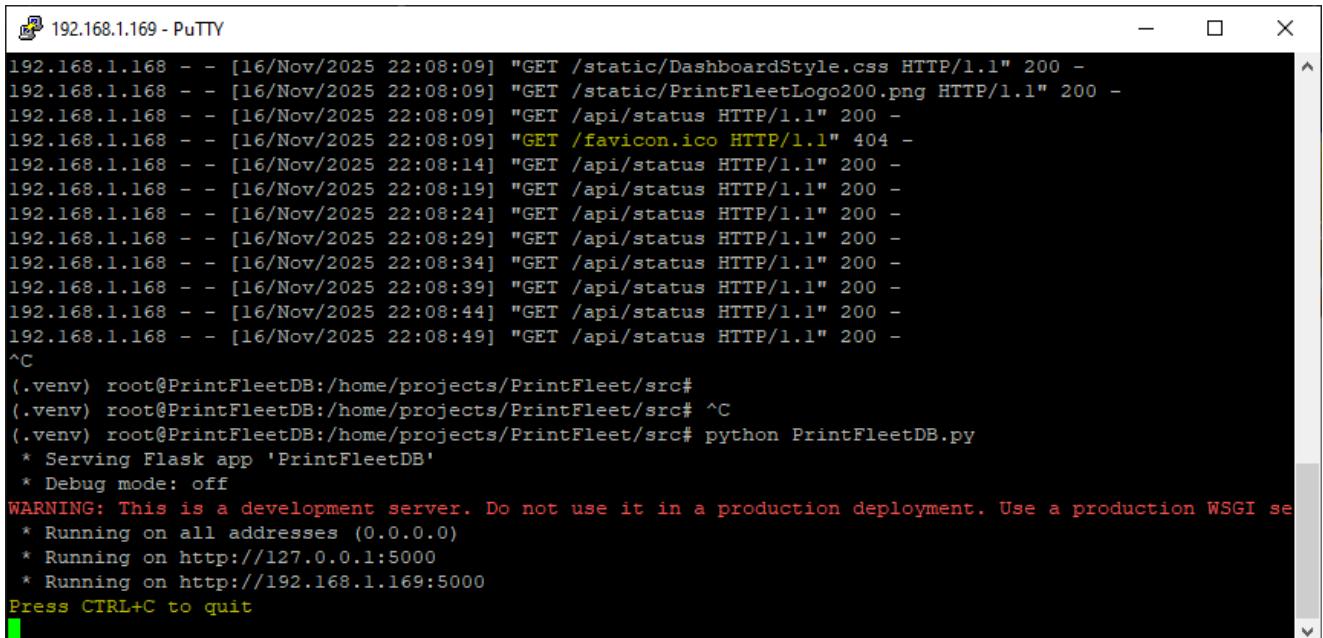
```
cd ..
mkdir -p projects
cd projects
```

Git-Repo clonen

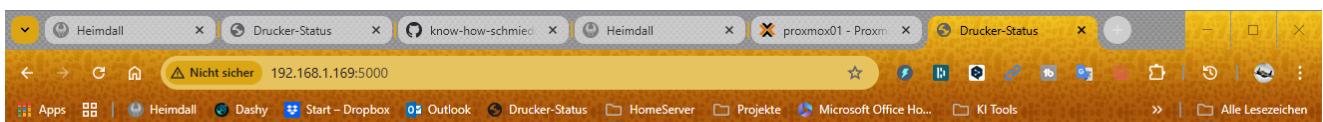
```
cd ~/projects
git clone https://github.com/know-how-schmiede/PrintFleet.git
cd PrintFleet
python3 -m venv .venv
source .venv/bin/activate
pip install -r src/requirements.txt # falls vorhanden
```

PrintFleetDB testen

```
cd src  
ls  
  
python PrintFleetDB.py
```

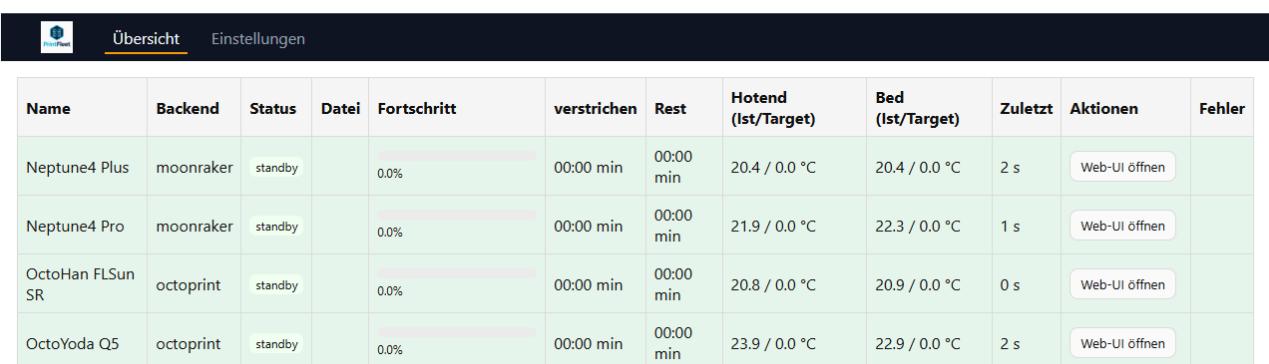


```
192.168.1.168 - - [16/Nov/2025 22:08:09] "GET /static/DashboardStyle.css HTTP/1.1" 200 -
192.168.1.168 - - [16/Nov/2025 22:08:09] "GET /static/PrintFleetLogo200.png HTTP/1.1" 200 -
192.168.1.168 - - [16/Nov/2025 22:08:09] "GET /api/status HTTP/1.1" 200 -
192.168.1.168 - - [16/Nov/2025 22:08:09] "GET /favicon.ico HTTP/1.1" 404 -
192.168.1.168 - - [16/Nov/2025 22:08:14] "GET /api/status HTTP/1.1" 200 -
192.168.1.168 - - [16/Nov/2025 22:08:19] "GET /api/status HTTP/1.1" 200 -
192.168.1.168 - - [16/Nov/2025 22:08:24] "GET /api/status HTTP/1.1" 200 -
192.168.1.168 - - [16/Nov/2025 22:08:29] "GET /api/status HTTP/1.1" 200 -
192.168.1.168 - - [16/Nov/2025 22:08:34] "GET /api/status HTTP/1.1" 200 -
192.168.1.168 - - [16/Nov/2025 22:08:39] "GET /api/status HTTP/1.1" 200 -
192.168.1.168 - - [16/Nov/2025 22:08:44] "GET /api/status HTTP/1.1" 200 -
192.168.1.168 - - [16/Nov/2025 22:08:49] "GET /api/status HTTP/1.1" 200 -
192.168.1.168 - - [16/Nov/2025 22:08:49] "GET /api/status HTTP/1.1" 200 -
^C
(.venv) root@PrintFleetDB:/home/projects/PrintFleet/src#
(.venv) root@PrintFleetDB:/home/projects/PrintFleet/src# ^C
(.venv) root@PrintFleetDB:/home/projects/PrintFleet/src# python PrintFleetDB.py
 * Serving Flask app 'PrintFleetDB'
 * Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI se
 * Running on all addresses (0.0.0.0)
 * Running on http://127.0.0.1:5000
 * Running on http://192.168.1.169:5000
Press CTRL+C to quit
```



PrintFleet V0.1

Aktualisierung alle 5 Sekunden



Name	Backend	Status	Datei	Fortschritt	verstrichen	Rest	Hotend (Ist/Target)	Bed (Ist/Target)	Zuletzt	Aktionen	Fehler
Neptune4 Plus	moonraker	standby		0.0%	00:00 min	00:00 min	20.4 / 0.0 °C	20.4 / 0.0 °C	2 s	<button>Web-UI öffnen</button>	
Neptune4 Pro	moonraker	standby		0.0%	00:00 min	00:00 min	21.9 / 0.0 °C	22.3 / 0.0 °C	1 s	<button>Web-UI öffnen</button>	
OctoHan FLSun SR	octoprint	standby		0.0%	00:00 min	00:00 min	20.8 / 0.0 °C	20.9 / 0.0 °C	0 s	<button>Web-UI öffnen</button>	
OctoYoda Q5	octoprint	standby		0.0%	00:00 min	00:00 min	23.9 / 0.0 °C	22.9 / 0.0 °C	2 s	<button>Web-UI öffnen</button>	

PrintFleet Starten

```
source .venv/bin/activate  
cd scr  
python PrintFleetDB.py
```

PrintFleet Stopen

Windows: [STRG] [C]

Git-Repo auf LXC-Server updaten

per ssh-Terminal eine Verbindung aufbauen (Alternativ in Console Proxmox-Container)

```
git status  
git pull
```

Alles OK:

```
On branch main  
Your branch is up to date with 'origin/main'.
```

Nicht OK:

```
fatal: not a git repository`  
→ Dann bist du im falschen Ordner oder das Repo wurde manuell kopiert.
```