

```
touch /Volumes/boot/ssh
```

```
nano /Volumes/boot/wpa_supplicant.conf
```

```
# Datei wpa_supplicant.conf in der Boot-Partition (Raspbian Stretch)
country=DE
ctrl_interface=DIR=/var/run/wpa_supplicant GROUP=netdev
update_config=1
network={
    ssid="Pau-LANer 2.4"
    psk="c081076p140416j231278"
    key_mgmt=WPA-PSK
}
```

```
ssh pi@192.168.1.108
```

```
passwd
```

```
sudo dpkg-reconfigure tzdata
```

```
sudo apt-get update
```

```
sudo apt-get upgrade
```

```
ssh-keygen
```

```
ssh-copy-id pi@192.168.1.108
```

```
ssh 'pi@192.168.1.108'
```

```
sudo apt-get install libavahi-compat-libdnssd-dev
```

```
wget https://nodejs.org/dist/latest/node-v10.9.0-linux-armv7l.tar.gz
```

```
tar xf node-v10.9.0-linux-armv7l.tar.gz
```

```
sudo cp -R node-v10.9.0-linux-armv7l/* /usr/local/
```

```
sudo useradd -m -c "Homebridge Service" -s /bin/bash homebridge
```

```
sudo nano /etc/sudoers.d/homebridge
```

```
homebridge ALL=(root) SETENV:NOPASSWD: /usr/local/bin/npm /bin/systemctl restart homebridge /bin/journalctl /
```

```
sudo npm install -g --unsafe-perm homebridge
```

```
sudo mkdir -p /var/homebridge
```

```
sudo nano /var/homebridge/config.json
```

```
{  
  "bridge": {  
    "name": "Homebridge",  
    "username": "CC:22:3D:E3:CE:30",  
    "port": 51826,  
    "pin": "031-45-154"  
  },  
  "platforms": [],  
  "accessories": []  
}
```

```
sudo chown -R homebridge:homebridge /var/homebridge
```

```
sudo nano /etc/systemd/system/homebridge.service
```

[Unit]

Description=Node.js HomeKit Server After=syslog.target network-online.target

[Service]

Type=simple

User=homebridge

EnvironmentFile=/etc/default/homebridge

ExecStart=/usr/local/bin/homebridge \$HOMEBRIDGE_OPTS

Restart=on-failure

RestartSec=10

KillMode=process

[Install]

WantedBy=multi-user.target

sudo nano /etc/default/homebridge

Defaults / Configuration options for homebridge

The following settings tells homebridge where to find the config.json file and where to persist the data (i.e. pairing

HOMEBRIDGE_OPTS=-I -U /var/homebridge

If you uncomment the following line, homebridge will log more

You can display this via systemd's journalctl: journalctl -f -u homebridge # DEBUG=*

sudo systemctl daemon-reload

sudo systemctl enable homebridge

sudo systemctl start homebridge

```
sudo systemctl stop homebridge
```

```
sudo systemctl status homebridge
```

```
sudo systemctl restart homebridge
```

```
sudo journalctl -fau homebridge
```

```
sudo systemctl restart homebridge; sudo journalctl -fau homebridge
```

```
sudo npm install -g --unsafe-perm homebridge-config-ui-x
```

```
sudo nano /var/homebridge/config.json
```

```
{  
platform: "config"  
"name": "Config"  
"port": 8080  
"auth": "form"  
"theme": "red"  
"restart": "sudo -n systemctl restart homebridge"  
"temp": "/sys/class/thermal/thermal_zone0/temp"  
"sudo": true  
log: {  
"method": "systemd"  
service: "homebridge" }  
}
```

```
{
  "bridge": {
    "name": "Homebridge",
    "username": "CC:22:3D:E3:CE:31",
    "port": 51826,
    "pin": "031-45-154"
  },
  "description": "Home Smart Home",
  "platforms": [{
    "platform": "config",
    "name": "Config",
    "port": 8080,
    "auth": "form",
    "theme": "red",
    "restart": "sudo -n systemctl restart homebridge",
    "temp": "/sys/class/thermal/thermal_zone0/temp",
    "sudo": true,
    "log": {
      "method": "systemd",
      "service": "homebridge"
    }
  }],
  "accessories": []
}
```