

Monitoring and alerting | Monitoring iostat

A simple script is checking if the Smart Steppers are connected by USB.

```
vim /opt/iostat.sh
```

```
#!/bin/bash
while true; do

    VAL_USER=$(iostat -c|awk '/^ /{print $1}')
    VAL_NICE=$(iostat -c|awk '/^ /{print $2}')
    VAL_SYSTEM=$(iostat -c|awk '/^ /{print $3}')
    VAL_IOWAIT=$(iostat -c|awk '/^ /{print $4}')
    VAL_STEAL=$(iostat -c|awk '/^ /{print $5}')
    VAL_IDLE=$(iostat -c|awk '/^ /{print $6}')

    curl -k -XPOST "http://localhost:8086/write?db=trikarus" --data-binary
    "iostat,host=hangdevice.fablabchemnitz.de
    val_user=${VAL_USER},val_nice=${VAL_NICE},val_system=${VAL_SYSTEM},val_iowait=${VAL_IOWAIT},va
    l_steal=${VAL_STEAL},val_idle=${VAL_IDLE}" --user user:password
    sleep 10
done
```

```
chmod +x /opt/iostat.sh
```

```
vim /opt/iostat.service
```

```
[Unit]
After=network.target
Description=iostat Monitoring Service

[Service]
Type=simple
ExecStart=/opt/iostat.sh
KillMode=process
Restart=on-failure
RestartSec=10
RemainAfterExit=no
```

```
User=root
```

```
Group=root
```

```
[Install]
```

```
WantedBy= multi-user.target
```

```
systemctl enable /opt/iostat.service
```

```
service start iostat.service && journalctl -f -u iostat.service
```

Version #1

Erstellt: 2026-06-08 15:24:39 CEST von Mario Voigt

Zuletzt aktualisiert: 2026-06-08 15:25:30 CEST von Mario Voigt