LibreNMS SMART ??

?? SMART SNMP Extend

□□□□ **Debian/Ubuntu**

```
apt-get install smartmontools libjson-perl libmime-base64-perl
```

```
wget https://github.com/librenms/librenms-agent/raw/master/snmp/smart-v1 -O /etc/snmp/smart
```

```
chmod +x /etc/snmp/smart
```

□□□□

```
fdisk -l | grep "Disk /dev"
```

```
root@LS-WVL885:~# fdisk -l | grep "Disk /dev"
Disk /dev/sdb: 1.82 TiB, 2000398934016 bytes, 3907029168 sectors
Disk /dev/sda: 1.82 TiB, 2000398934016 bytes, 3907029168 sectors
```

□□□□□ `/etc/snmp/smart.config` □□□□□□□□□□□□ **useSN=1**□□□□□ **0**□□□□

```
cache=/var/cache/smart
smartctl=/usr/bin/env smartctl
useSN=1
sda
sdb
```

□□□□□□□□□□

```
/etc/snmp/smart -u


cat /var/cache/smart
```

```
root@LS-WVL885:~# /etc/snmp/smart -u
root@LS-WVL885:~# cat /var/cache/smart
{"data":{"dev_error":0,"disks":{"W1E7ELBS":{"10":"0","12":nu
4,"196":null,"197":"0","198":"0","199":"0","231":null,"232":
```

□□ **snmp smart**□□□□□ `/etc/snmp/snmpd.conf`

```
□□
extend smart /bin/cat /var/cache/smart.snmp
```

□□ Snmp

```
systemctl restart snmpd
```

Librenms ??

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OFF Redis

OFF SDFS info

ON SMART

OFF Socket Statistics

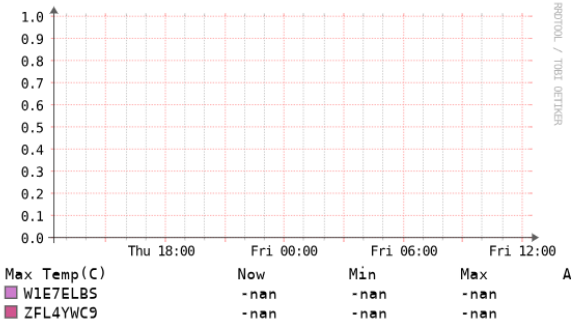
□□□□□□□□ **SMART□□**

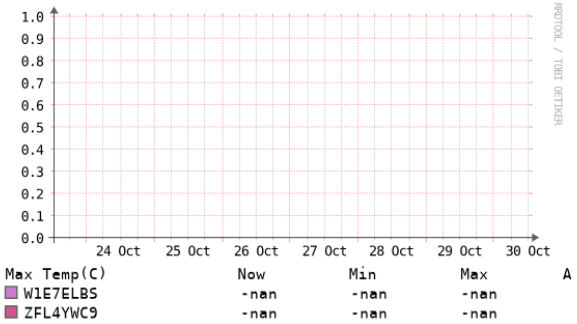
概觀 圖表 健康情況 應用程式 連接埠 設備 Logs 警報 Alert Stats

Apps » Mdadm | **SMART**

All Drives | drives: W1E7ELBS (OK), ZFL4YWC9 (OK)

Max Temp(C), Airflow Temperature or Device





????

Crontab□□□ 5□□□□□□□□ librenms□□□□□□□□□□□□□□□□

```
*/5 * * * * /etc/snmp/smart -u
```

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```
0 23 * * 1,4 /etc/snmp/smart -t short > /dev/null 2>&1
```

????

□□□□ `/var/cache/smart` □□□□

```
root@LS-WVL885:~# cat /var/cache/smart
{"data":{"dev_error":0,"disks":{},"exit_nonzero":2,"unhealthy":0,"useSN":"1"},"error":0,"error
String":"","version":1}
```

□□□ crontab□□□□□□□ smartctl

```
root@LS-WVL885:~# env -i PATH=/usr/bin:/bin /etc/snmp/smart -u/usr/bin/env:
'smartctl': No such file or directory/usr/bin/env:
'smartctl': No such file or directory
```

which smartctl□□□□□□□ `/etc/snmp/smart.config`

```
smartctl=/usr/sbin/smartctl
```

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