LS-WVL ??Synology???? SMART??????

> □□□□□ **LS Debian**□□□□□ **mail**□□□ **synology**□□□□□□□□ **LS Debian** □□□□□□□□□□□ **bash**□□□□ **mail**

LS-WVL??

□□ **S.M.A.R.T.(**□□□□ **)**□ **mdadm(RAID** □□□□ **)**

```
apt install smartmontools mdadm -y
```

□□□□□□□□□□□□□□□□□□□□□□□ **RAID**□□□□□□□

```
root@LS-WVL885:~# cat /home/user/raid_check.sh
#!/bin/bash
timestamp=$(date "+%Y-%m-%d %H:%M:%S")

md0_state=$(sudo /usr/sbin/mdadm -D /dev/md0 |grep -e "Raid Level" -e "State :" -e "Active
Devices" -e "Working Devices" -e "Failed Devices")
md1_state=$(sudo /usr/sbin/mdadm -D /dev/md1 |grep -e "Raid Level" -e "State :" -e "Active
Devices" -e "Working Devices" -e "Failed Devices")
echo "Device : /dev/md0"
echo "${md0_state}"
echo " "
echo "Device : /dev/md1"
echo "${md1_state}"
echo " "
cat /proc/mdstat
echo " "
echo "Hard Disk : /dev/sda"
sudo /usr/sbin/smartctl -H -l selftest /dev/sda
echo "Hard Disk : /dev/sdb"
sudo /usr/sbin/smartctl -H -l selftest /dev/sdb
```

□□ `visudo`□□□□□□□□□ **mdadm**□ **smartctl**□□

```
root@LS-WVL885:~# visudo
...
user ALL=(ALL) NOPASSWD: /usr/sbin/mdadm -D *, /usr/sbin/smartctl -H * ,/usr/sbin/smartctl -l
*
```

```
chmod +x /home/user/raid_check.sh
```

□□ user□□□□□

```
user@LS-WVL885:~$ sh raid_check.sh
Device : /dev/md0
        Raid Level : raid1
             State : clean
    Active Devices : 2
   Working Devices : 2
    Failed Devices : 0

Device : /dev/md1
        Raid Level : raid1
             State : clean
    Active Devices : 2
   Working Devices : 2
    Failed Devices : 0
...
Hard Disk : /dev/sda
smartctl 7.3 2022-02-28 r5338 [armv5tel-linux-6.1.0-38-marvell] (local build)
Copyright (C) 2002-22, Bruce Allen, Christian Franke, www.smartmontools.org

=== START OF READ SMART DATA SECTION ===
SMART overall-health self-assessment test result: PASSED
Please note the following marginal Attributes:
ID# ATTRIBUTE_NAME          FLAG     VALUE WORST THRESH TYPE      UPDATED  WHEN_FAILED
RAW_VALUE
190 Airflow_Temperature_Cel 0x0022   059   041   045    Old_age   Always   In_the_past 41
(Min/Max 40/41 #7471)

SMART Self-test log structure revision number 1
Num  Test_Description    Status                  Remaining  LifeTime(hours)
LBA_of_first_error
# 1  Short offline       Completed without error       00%     45817         -
```

```
...
```

Synology??

□□□ **SSH KEY** □□□□ □□ **synology**□□□ **ssh**□□ **LS WVL**

□□□□□□□□□□□□□□□□□□□ **mail**

```
ssh user@192.168.1.1 "sh /home/user/raid_check.sh"
```


[synology] 任務排程表已完成排程任務 收件匣 ×

synology - Synology NAS
寄給 我

任務排程表已完成排程任務。

任務：LS-WVL RAID_Check
開始時間：Mon, 01 Sep 2025 08:00:01 GMT
停止時間：Mon, 01 Sep 2025 08:00:06 GMT
目前狀態：0 (正常)
標準輸出 / 錯誤：
Device : /dev/md0
Raid Level : raid1
State : clean
Active Devices : 2
Working Devices : 2
Failed Devices : 0

Device : /dev/md1
Raid Level : raid1
State : clean
Active Devices : 2
Working Devices : 2
Failed Devices : 0

Revision #2
Created 1 September 2025 10:49:05 by Jason
Updated 1 September 2025 15:27:19 by Jason