

NVMe CLI

View NVMe smart data from CLI in Linux:

Therefore install the package:

```
sudo apt install nvme-cli
```

Their GitHub-Repository can be found here: github.com/linux-nvme/nvme-cli.

Then use smart - log to view SMART data:

```
sudo nvme smart-log /path/to/device
```

→ /path/to/device can be /dev/nvme0

The output the can look like this:

```
Smart Log for NVME device:nvme0 namespace-id:ffffffff
critical_warning           : 0
temperature                : 55 C
available_spare            : 100%
available_spare_threshold : 10%
percentage_used            : 0%
endurance group critical warning summary: 0
data_units_read           : 18,361,709
data_units_written        : 16,419,558
host_read_commands        : 181,338,735
host_write_commands       : 211,232,459
controller_busy_time      : 552
power_cycles               : 343
power_on_hours             : 1,856
unsafe_shutdowns          : 43
media_errors               : 0
num_err_log_entries       : 319
Warning Temperature Time  : 0
Critical Composite Temperature Time : 0
Temperature Sensor 1      : 55 C
Temperature Sensor 2      : 59 C
Thermal Management T1 Trans Count : 0
Thermal Management T2 Trans Count : 0
Thermal Management T1 Total Time : 0
Thermal Management T2 Total Time : 0
```

From:

<http://fixes.brecht-schule.hamburg/> - **Fixes | Public BIT Wiki**

Permanent link:

<http://fixes.brecht-schule.hamburg/linux/command-collection/nvme-cli>

Last update: **2023/09/06 14:56**

