

How to monitor CPU temperature on CentOS 7

One of the pain points I experienced was that ffmpeg makes CPU in high temperature, so server die. In that case, you may want to check CPU temperature, and **watch sensors** enables to see it in realtime.

To watch sensors, you need to install lm-sensors

```
sudo yum install -y lm_sensors
```

To detect sensors, you need to run:

```
sudo sensors-detect --auto
```

To check your sensors' status

```
sensors
```

To check sensors' status with auto update

```
watch sensors
```

As a result, you will see like below:

```
Every 2.0s: sensors                                     Thu Aug 27 14:25:54 2020

acpitz-virtual-0
Adapter: Virtual device
temp1:          +27.8°C (crit = +119.0°C)

coretemp-isa-0000
Adapter: ISA adapter
Package id 0:  +38.0°C (high = +86.0°C, crit = +100.0°C)
Core 0:        +37.0°C (high = +86.0°C, crit = +100.0°C)
Core 1:        +37.0°C (high = +86.0°C, crit = +100.0°C)
Core 2:        +37.0°C (high = +86.0°C, crit = +100.0°C)
Core 3:        +37.0°C (high = +86.0°C, crit = +100.0°C)
Core 4:        +38.0°C (high = +86.0°C, crit = +100.0°C)
Core 5:        +37.0°C (high = +86.0°C, crit = +100.0°C)
Core 6:        +38.0°C (high = +86.0°C, crit = +100.0°C)
Core 7:        +35.0°C (high = +86.0°C, crit = +100.0°C)

iwlwifi-virtual-0
Adapter: Virtual device
temp1:          N/A
```