# Comandos IPMITOOL

Link: https://wiki.joeplaa.com/applications#ipmitool

# Installation

```
apt update && apt install ipmitool
```

# Configuration

Create a user with ipmi permissions only in Dell iDrac or HP iLO

# Commands

> https://www.tzulo.com/crm/knowledgebase/47/IPMI-and-IPMITOOL-Cheat-sheet.html

## Get all sensor data

```
ipmitool -I lanplus -H <iDRAC IP> -U <iDRAC user> -P <iDRAC password> sdr list full
```

## Get temperature(s)

```
ipmitool -I lanplus -H <iDRAC IP> -U <iDRAC user> -P <iDRAC password> sdr type Temperature
```

## Get fanspeed(s)

```
ipmitool -I lanplus -H <iDRAC IP> -U <iDRAC user> -P <iDRAC password> sdr type Fan
```

Or

```
ipmitool -I lanplus -H <iDRAC IP> -U <iDRAC user> -P <iDRAC password> sdr get Fan1 Fan2 | grep "Sensor Reading"
```

# Get power supply info

```
ipmitool -I lanplus -H <iDRAC IP> -U <iDRAC user> -P <iDRAC password> sdr type 'Power Supply'
```

# Enable auto fan control / disable static mode (Dell)

```
ipmitool -I lanplus -H <iDRAC IP> -U <iDRAC user> -P <iDRAC password> raw 0x30 0x30 0x01 0x01
```

# Enable static fan control / disable auto mode (Dell)

```
ipmitool -I lanplus -H <iDRAC IP> -U <iDRAC user> -P <iDRAC password> raw 0x30 0x30 0x01 0x00
```

# Set fanspeed 20% (Dell)

See the script for other speeds. The last 4 characters differ.

```
ipmitool -I lanplus -H <iDRAC IP> -U <iDRAC user> -P <iDRAC password> raw 0x30 0x30 0x02 0xff 0x14
```

# Change system state

```
ipmitool -H <iDRAC IP> -U <iDRAC user> -P <iDRAC password> chassis power <status|on|off|cycle|reset>
```

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