

IPMI Setup for Asus Workstation Boards

Install dependencies

IPMITools CLI

```
apt install ipmitool freeipmi-tools
```

Notes

Most Commands require a `<channel>`. Use Default `1` for most commands.

Configure Network

Print current Configuration

```
ipmitool lan print 1
```

“1” references the IPMI Channel. For most Boards, there is only one (1)

Configure IP Source

```
ipmitool lan set 1 ipsrc static
```

Configure IP Address

```
ipmitool lan set 1 ipaddr <ip>
```

Configure Subnet Mask

```
ipmitool lan set 1 netmask <mask>
```

Configure Default Gateway

```
ipmitool lan set 1 defgw <gateway>
```

Configure Users

List Users

```
ipmitool user list 1
```

This should produce a result like this

```
root@computer:/usr/sbin# ipmitool user list 1
ID Name          Callin Link Auth IPMI Msg Channel Priv Limit
1          false false   false   NO ACCESS
2 admin          false false   true    ADMINISTRATOR
3 Administrator true  true    true    ADMINISTRATOR
4          true  false  false   NO ACCESS
```

- Number of Users is limited by the printed slots (usually $15 - 16 - 1 = 4$ Bit ID)
- `Callin` allows the User access via the serial console
- `Link Auth` forces additional ppp-authentication (chap/pap)

Set Admin password

```
ipmitool user set password 3 <password>
```

Revision #1

Created 21 September 2026 09:18:58 by Oliver Karger

Updated 21 September 2026 09:33:13 by Oliver Karger