

## 7.SSH remote control

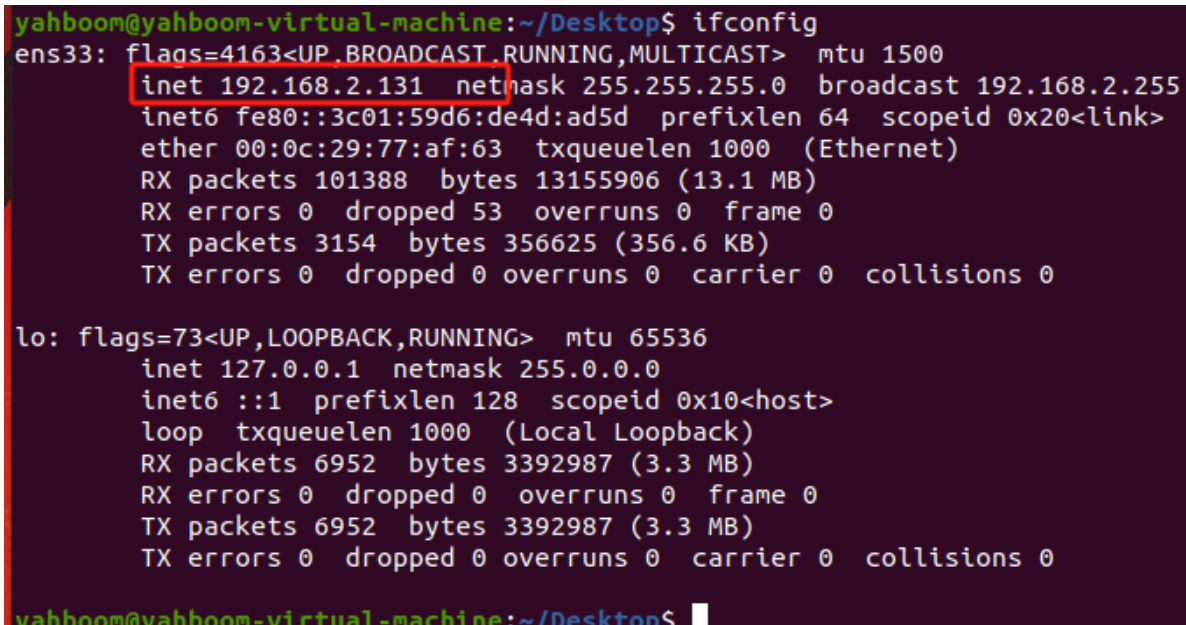
**Note:** The virtual machines provided by Yahboom are already configured and there is no need to install or update them again.

Install related services

```
sudo apt-get install openssh-server -y
```

Then we need to query the IP of the motherboard and enter the following command to query.

```
ifconfig
```



```
yahboom@yahboom-virtual-machine:~/Desktop$ ifconfig
ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.2.131 netmask 255.255.255.0 broadcast 192.168.2.255
    inet6 fe80::3c01:59d6:de4d:ad5d prefixlen 64 scopeid 0x20<link>
    ether 00:0c:29:77:af:63 txqueuelen 1000 (Ethernet)
    RX packets 101388 bytes 13155906 (13.1 MB)
    RX errors 0 dropped 53 overruns 0 frame 0
    TX packets 3154 bytes 356625 (356.6 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 6952 bytes 3392987 (3.3 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 6952 bytes 3392987 (3.3 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

yahboom@yahboom-virtual-machine:~/Desktop$
```

Assume that the ip of the motherboard is 192.168.2.131. Assume that our virtual machine and the motherboard are in the same LAN. Then we can log in with the ssh command on another virtual machine or the motherboard and enter the following command.

```
ssh yahboom@192.168.2.131
```

The command format here is as follows

```
ssh remote motherboard username@remote motherboard ip
```

```
yahboom@yahboom-virtual-machine:~/Desktop$ ssh yahboom@192.168.2.131
The authenticity of host '192.168.2.131 (192.168.2.131)' can't be established.
ECDSA key fingerprint is SHA256:spHTx8q/u7Stm35Bj6JHFYpLGyoQW9xtL+349u6PMPo.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.2.131' (ECDSA) to the list of known hosts.
yahboom@192.168.2.131's password:
Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.15.0-86-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

Expanded Security Maintenance for Applications is not enabled.

268 updates can be applied immediately.
```

You will be prompted to enter yes and press Enter to confirm. Then you will be prompted to enter the password of the motherboard user and press Enter to confirm. After the password is correct, you can remotely log in to operate the motherboard on the current terminal.