

SSH remote login

SSH remote login

1.1 Get the IP address of the Raspberry Pi

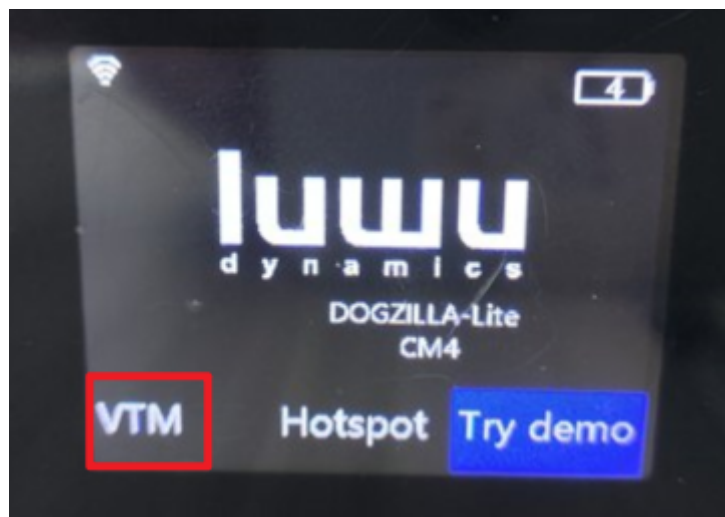
1.2 Putty remote login

SSH remote login can only be used normally when the host computer and the Raspberry Pi are in the same LAN.

If the Raspberry Pi is connected to an Ethernet cable or WiFi signal, please make sure that the network signal connected to the computer is in the same LAN as the Raspberry Pi.

1.1 Get the IP address of the Raspberry Pi

When you boot up the machine for the first time with the factory image, you need to configure the network connection in the startup program, then press the button in the upper right corner to enter the image transmission mode interface, and then press the button in the lower right corner of the screen to query the corresponding IP address.



Or connect the Raspberry Pi to a monitor, open the command line terminal under the Raspberry Pi system, and enter `ifconfig` to view the IP address, where `eth0` corresponds to the network card and `wlan0` corresponds to the wireless WiFi.

```

pi@yahboom:~$ ifconfig
eth0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    ether dc:a6:32:3d:3c:df txqueuelen 1000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

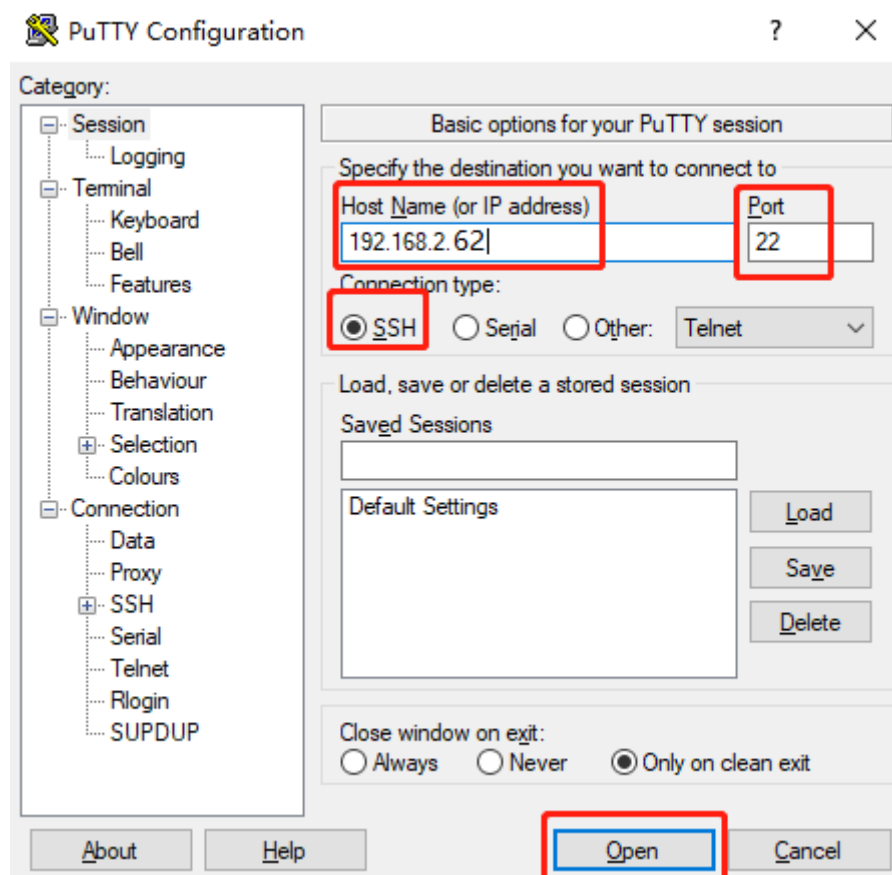
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 793 bytes 61585 (61.5 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 793 bytes 61585 (61.5 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

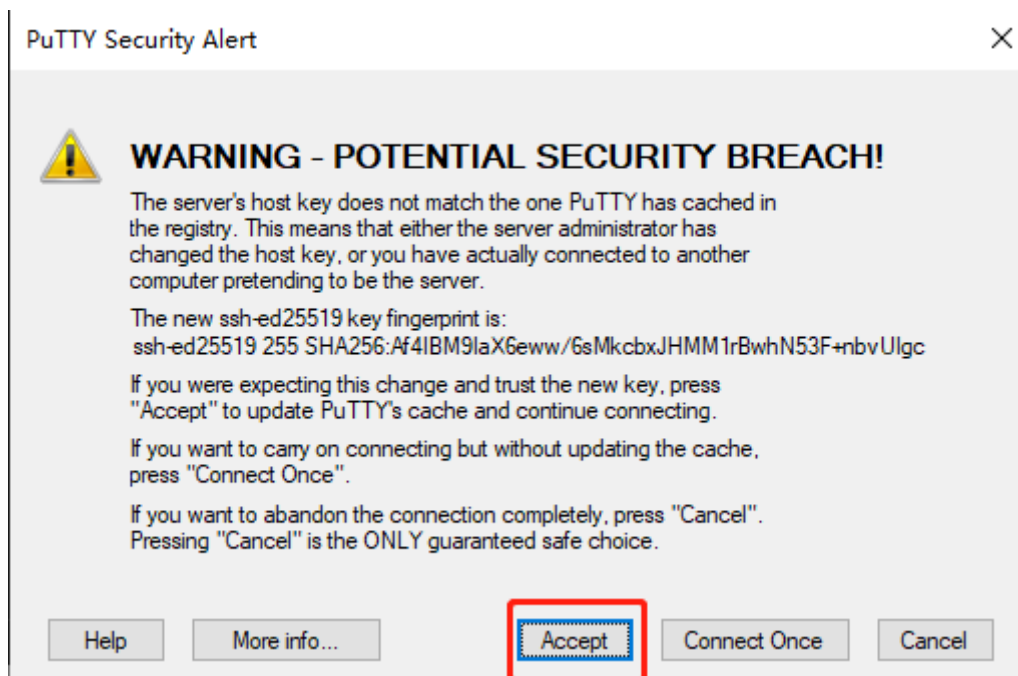
wlan0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.2.62 netmask 255.255.255.0 broadcast 192.168.2.255
    inet6 fe80::9e2:fc5f:119d:fc6c prefixlen 64 scopeid 0x20<link>
    ether dc:a6:32:3d:3c:e1 txqueuelen 1000 (Ethernet)
    RX packets 9777 bytes 8002282 (8.0 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 17975 bytes 5465044 (5.4 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

```

1.2 Putty remote login

Open the putty software and use the SSH service to remotely log in to the Raspberry Pi operating system.





Enter the username (pi) and password (yahboom). If you are not using the factory system, please enter the username and password of the Raspberry Pi system according to the actual situation.

```
192.168.2.112 - PuTTY
login as: pi
pi@192.168.2.62's password:
Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.4.0-1066-raspi aarch64)

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

System information as of Wed 10 Aug 2022 10:13:34 AM CST
```