

7.SSH remote control

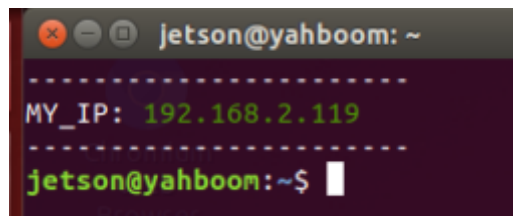
7.SSH remote control

1. PuTTY log into
- 2.SSH

putty download link: <https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>

Note: You must know the robot's username, password and IP address before logging in remotely.

For example, in the picture below: IP address [192.168.2.119], user name [jetson], host name [yahboom].



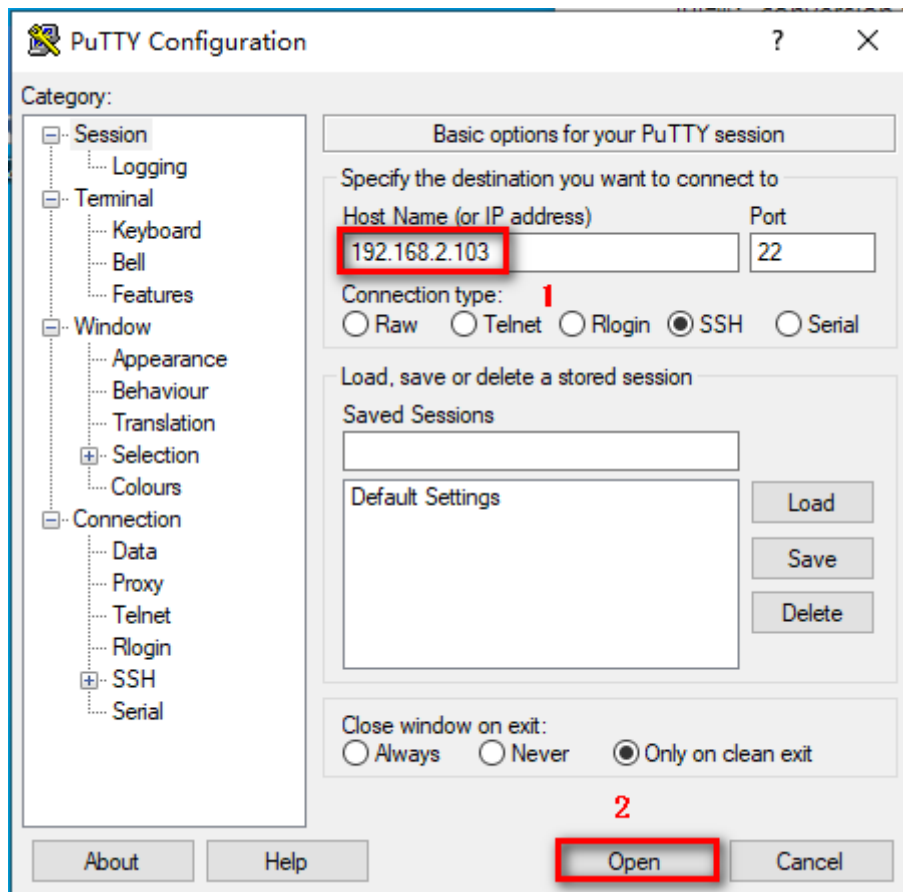
Note:

Yahboom Raspberry Pi version Muto RS image, username: pi, password: yahboom

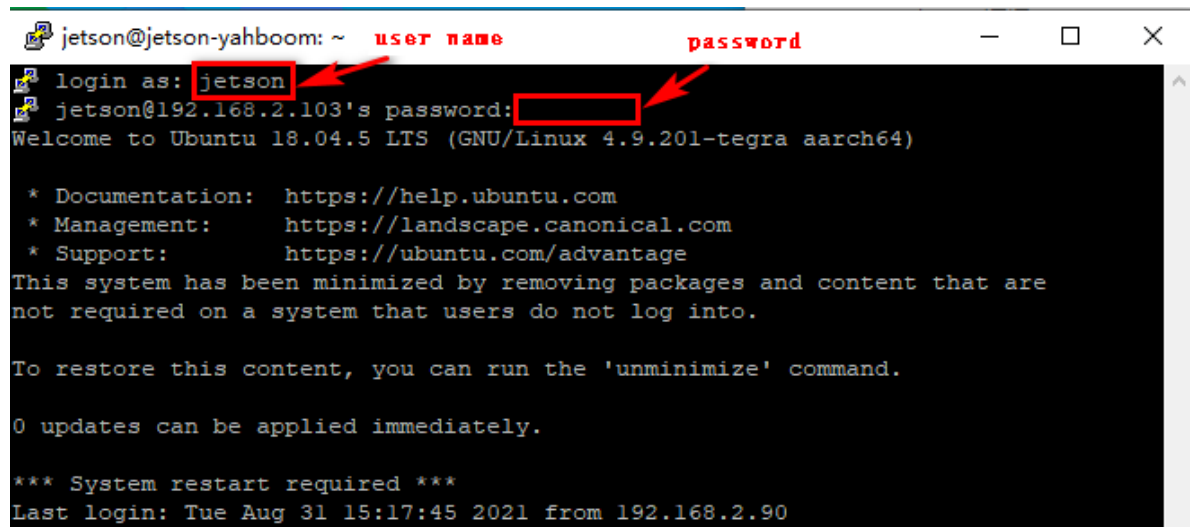
Yahboom jetson nano version Muto RS image, username: jetson, password: yahboom

1. PuTTY log into

Download the Putty installation file and double-click the [.exe] file to install it.



Enter the robot IP address and click [open].



Enter the username [jetson] and password [yahboom], and press Enter to confirm.

After successful login, the following figure will appear.

```
jetson@yahboom:~$
```

2.SSH

- Log in

Operate under ubuntu system

```
jetson@jetson-yahboom: ~  
jetson@jetson-yahboom: ~ 80x24  
yahboom@Yahboom:~$ ssh jetson@192.168.2.103 1  
The authenticity of host '192.168.2.103 (192.168.2.103)' can't be established.  
ECDSA key fingerprint is SHA256:9UYkw1sqeLwqDgjTc+dzH//Ey8AtRTa4jgz8sMbXChE.  
Are you sure you want to continue connecting (yes/no)? yes 2  
Warning: Permanently added '192.168.2.103' (ECDSA) to the list of known hosts.  
jetson@192.168.2.103's password: 3  
Welcome to Ubuntu 18.04.5 LTS (GNU/Linux 4.9.201-tegra aarch64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:       https://ubuntu.com/advantage  
This system has been minimized by removing packages and content that are  
not required on a system that users do not log into.  
  
To restore this content, you can run the 'unminimize' command.  
  
0 updates can be applied immediately.  
  
*** System restart required ***  
Last login: Tue Aug 31 15:33:40 2021 from 192.168.2.106
```

1) Enter the following command

```
ssh jetson@192.168.2.103
```

2. Then enter [yes]
3. Enter password [yahboom]

- Copy files

If jetson's IP is 192.168.2.103, username: jetson; virtual machine username: yahboom

```
scp jetson@192.168.2.103:/home/jetson/xxx.tar.gz /home/yahboom/ # Copy files  
from remote to local (file)  
scp /home/yahboom/xxx.png jetson@192.168.2.103:/home/jetson/ # Copy files  
from local to remote (file)  
scp -r jetson@192.168.2.103:/home/jetson/test /home/yahboom/ # Copy directory  
from remote to local -r (folder)  
scp -r /home/yahboom/test jetson@192.168.2.103:/home/jetson/ # Copy directory  
from local to remote -r (folder)
```