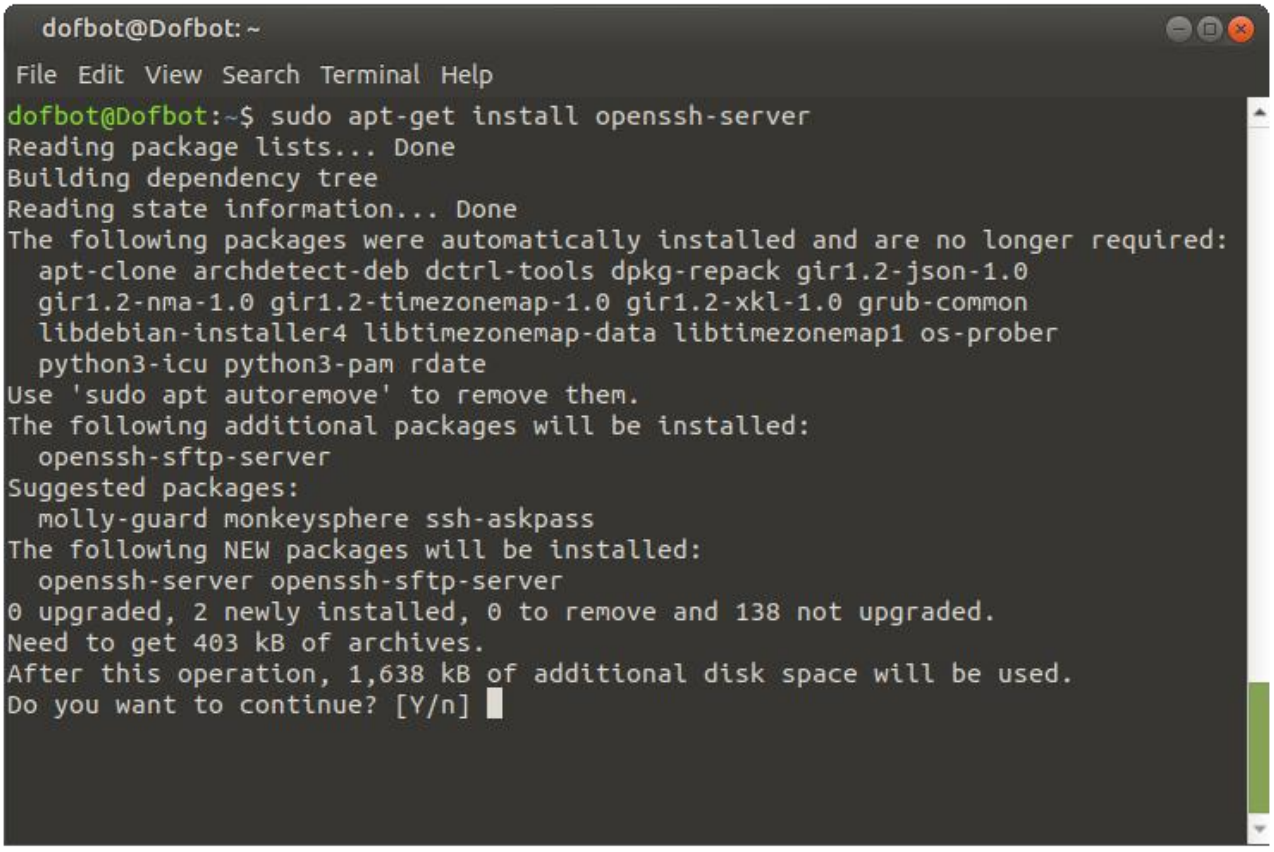
Connect JetsonNano to the monitor, keyboard and mouse, plug in the internet cable or click the wifi icon in the upper right corner of the desktop to connect to wifi.
For example, connecting to a WiFi network, it is recommended to use WiFi to connect to the network.
Open the command line terminal in system.(Ctrl+Shift+T).
In this course, we use Win10 system to log in JetsonNano through SSH service as an example. Note that Win10 computer must be in the same local area network as Jetson Nano, that is, connected to the same router.

**1. Install SSH service**

1.1 Input following command:

**sudo apt-get install openssh-server**




If the above prompt appears, enter “Y”and press Enter to confirm.

**1.2 Restart SSH**

Input following command:

**sudo service ssh restart**

**1.3 Add the SSH service to the boot service**

Input following command:

**sudo systemctl enable ssh**

```
dofbot@Dofbot:~$ sudo service ssh restart
dofbot@Dofbot:~$ sudo systemctl enable ssh
Synchronizing state of ssh.service with SysV service script with /lib/systemd/sy
stemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable ssh
dofbot@Dofbot:~$
```

**2. Get the IP address of the Raspberry Pi**

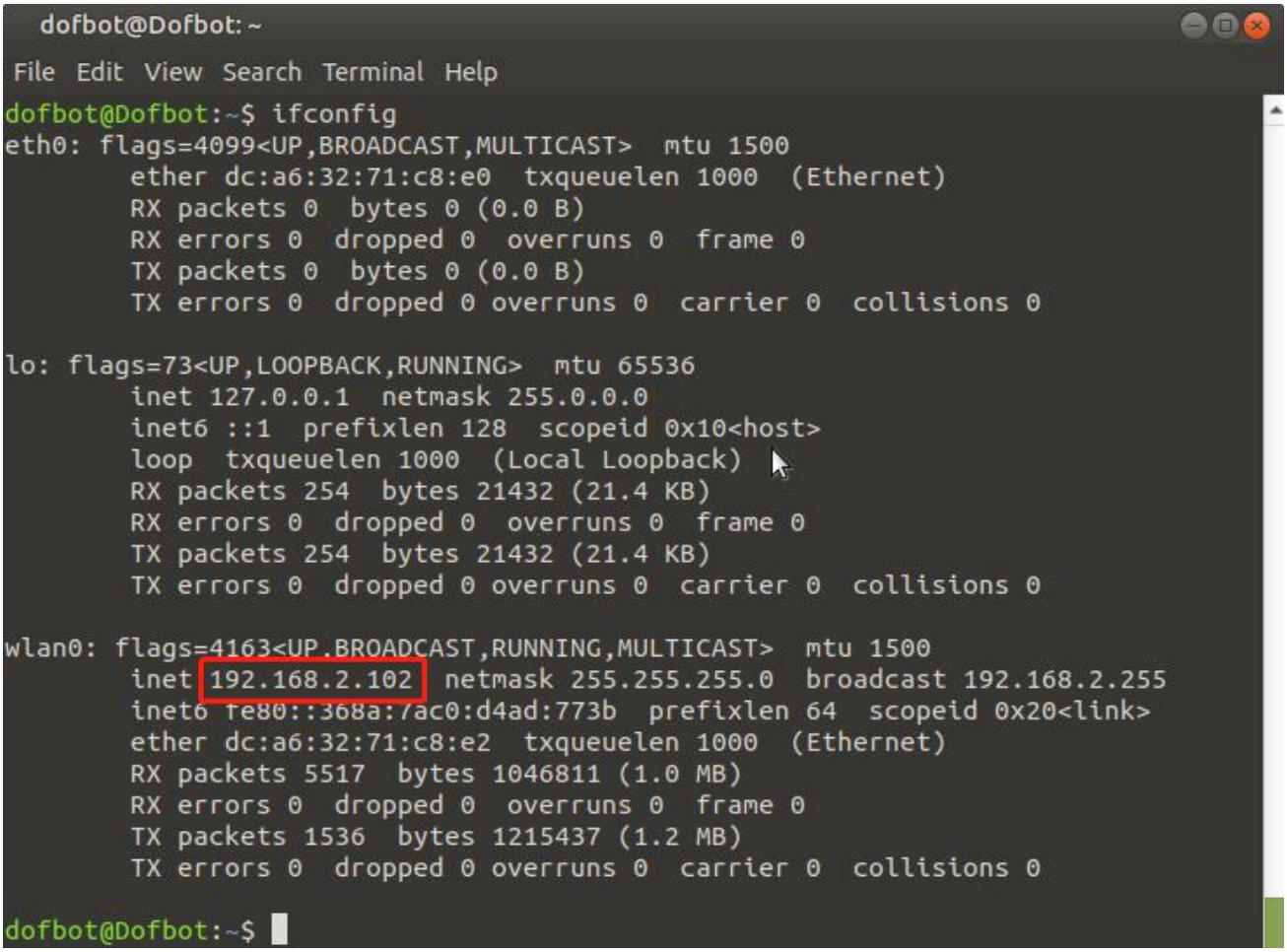
2.1 Input following command on Raspberry Pi to install network tools

**sudo apt install net-tools**

```
dofbot@Dofbot:~$ sudo apt install net-tools
[sudo] password for dofbot:
Sorry, try again.
[sudo] password for dofbot:
Sorry, try again.
[sudo] password for dofbot:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  apt-clone archdetect-deb dctrl-tools dpkg-repack gir1.2-json-1.0
  gir1.2-nma-1.0 gir1.2-timezonemap-1.0 gir1.2-xkl-1.0 grub-common
  libdebian-installer4 libtimezonemap-data libtimezonemap1 os-prober
  python3-icu python3-pam rdate
Use 'sudo apt autoremove' to remove them.
The following NEW packages will be installed:
  net-tools
0 upgraded, 1 newly installed, 0 to remove and 138 not upgraded.
```

2.2 Input following command to check IP address

**ifconfig**




Check wlan0, you can see that the IP address of the system is 192.168.2.101 behind inet.
If you connected to a network cable, please check the IP address at eth0.

### 3. Install Putty on computer

3.1 Download Putty package on website.
https://www.chiark.greenend.org.uk/~sgtatham/putty/

**PuTTY: a free SSH and Telnet client**

**Home** | FAQ | Feedback | Licence | Updates | Mirrors | Keys | Links | Team
Download: Stable · Snapshot | Docs | Changes | Wishlist

PuTTY is a free implementation of SSH and Telnet for Windows and Unix platforms, along with an xterm terminal emulator. It is written and maintained primarily by Simon Tatham.

The latest version is 0.74. **Download it here.**

**LEGAL WARNING**: Use of PuTTY, PSCP, PSFTP and Plink is illegal in countries where encryption is outlawed. We believe it is legal to use PuTTY, PSCP, PSFTP and Plink in England and Wales and in many other countries, but we are not lawyers, and so if in doubt you should seek legal advice before downloading it. You may find useful information at cryptolaw.org, which collects information on cryptography laws in many countries, but we can't vouch for its correctness.

Use of the Telnet-only binary (PuTTYtel) is unrestricted by any cryptography laws.

**Latest news**

**2020-06-27 PuTTY 0.74 released**

PuTTY 0.74, released today, is a bug-fix and security release. It fixes bugs in 0.73, including one possible vulnerability, and also adds a new configuration option to mitigate a minor information leak in SSH host key policy.

## Package files

You probably want one of these. They include versions of all the PuTTY utilities.

(Not sure whether you want the 32-bit or the 64-bit version? Read the FAQ entry.)

**MSI ( 'Windows Installer' )**

| | | | |
|---|---|---|---|
| 32-bit: | putty-0.74-installer.msi | (or by FTP) | (signature) |
| 64-bit: | putty-64bit-0.74-installer.msi | (or by FTP) | (signature) |

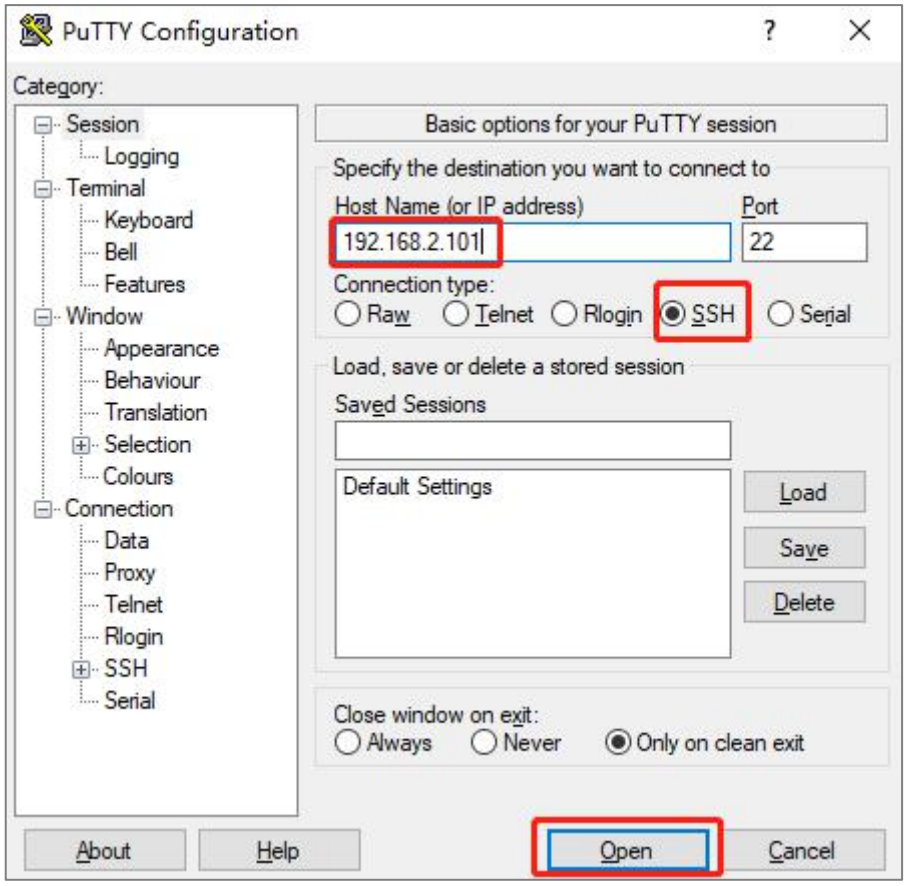
**Unix source archive**

| | | | |
|---|---|---|---|
| .tar.gz: | putty-0.74.tar.gz | (or by FTP) | (signature) |

3.2 After the download is complete, you can install it directly

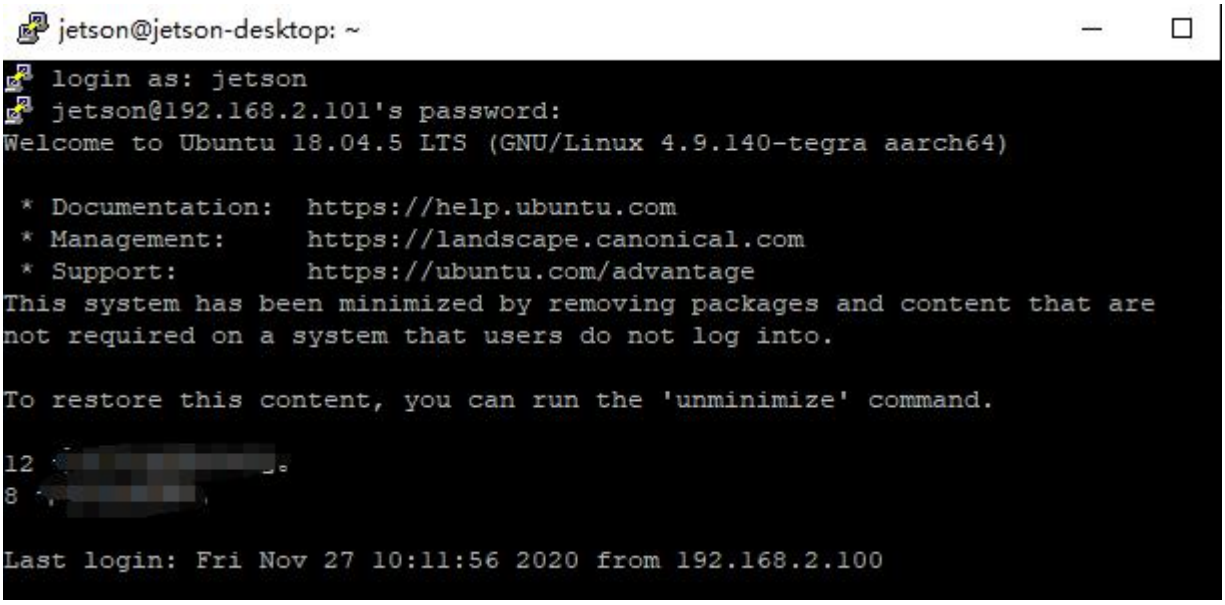
**4. Log into system by Putty**

4.1 Double-click to open Putty on the computer, select the SSH connection method, and fill your IP address in the Host Name column.




4.2 If any prompt appears, select "YES".

4.3 Input the user name and password. (Password will not be displayed here) Just enter it directly and press “Enter” to confirm.




4.4 When you see the above picture, it means that we have successfully logged in to Jetson Nano system.