

- 1.Windows下安装Uubuntu虚拟机
  - 1.1 Windows下安装Vmware
  - 1.2 虚拟机安装Ubuntu
- 2. 安装ROS
- 3. 网络连接
- 4. windows安装Xmanager(xshell、xftp)

## 1.Windows下安装Uubuntu虚拟机

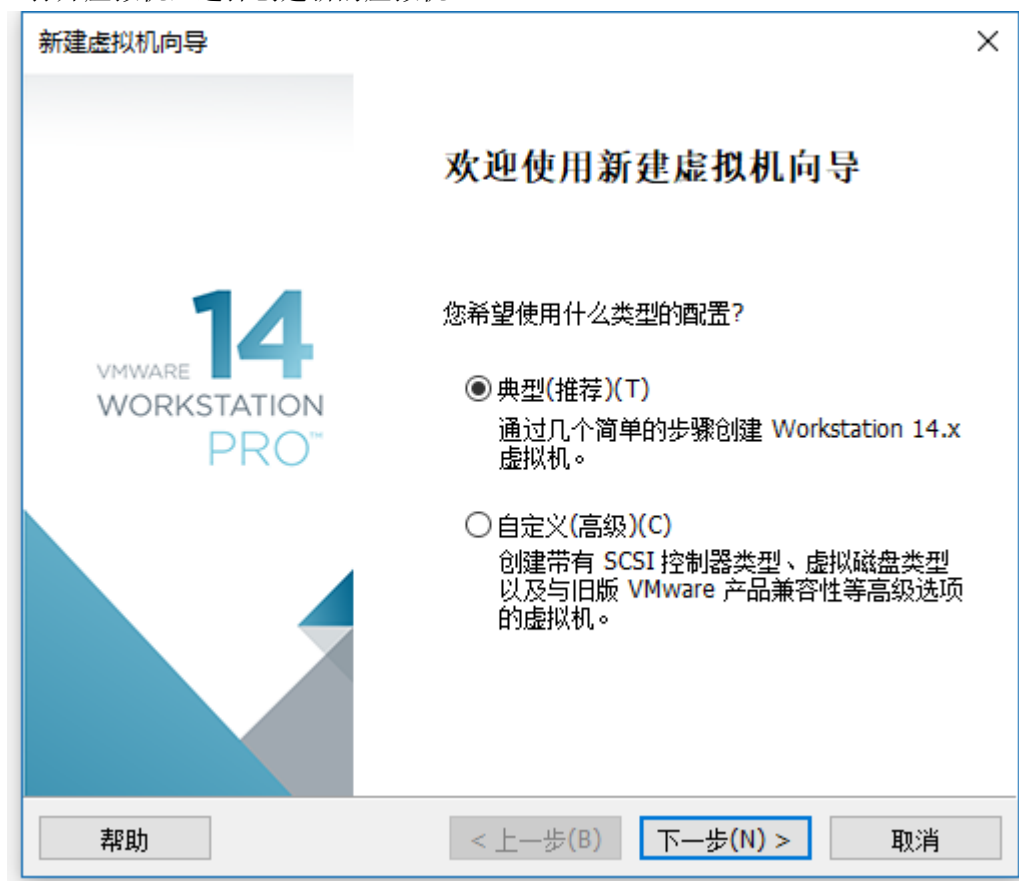
安装文件在网盘中 [pibot\pibot docs\software\Vmware](#), [Ubuntu](#)镜像在网盘或者[官网](#)下载

### 1.1 Windows下安装Vmware

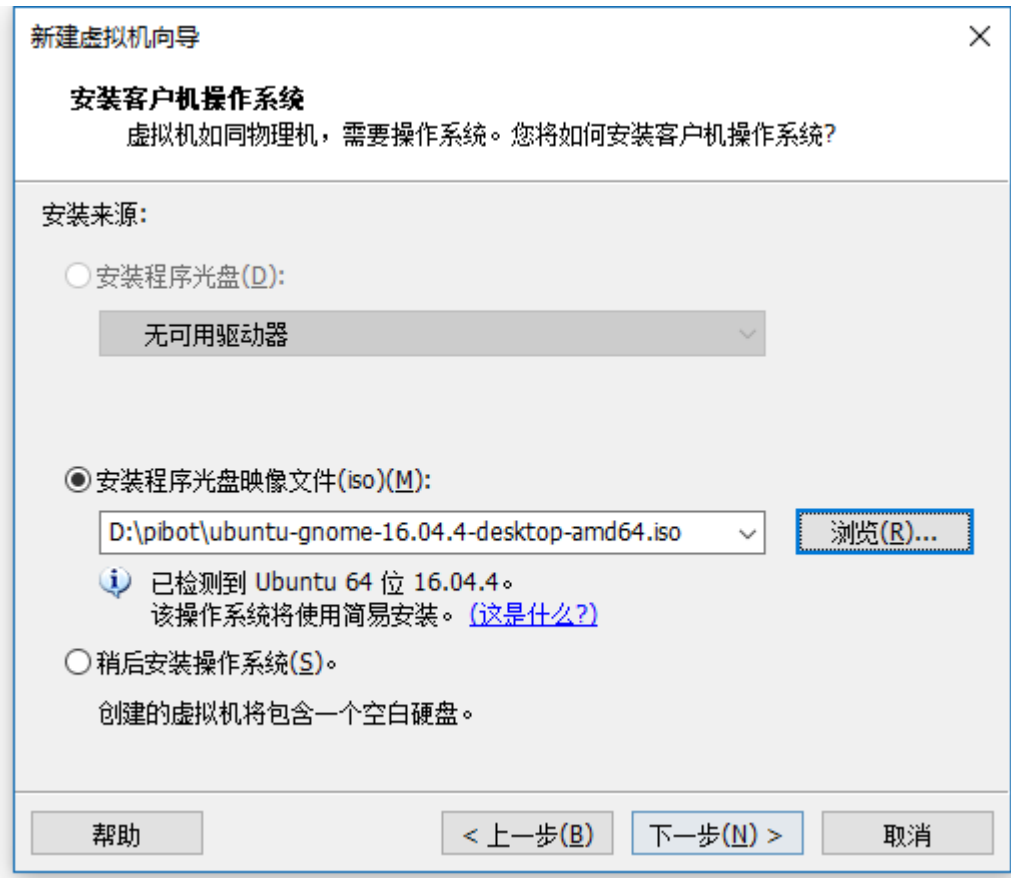
基本下一步，不再赘述

### 1.2 虚拟机安装Ubuntu

- a.打开虚拟机，选择创建新的虚拟机

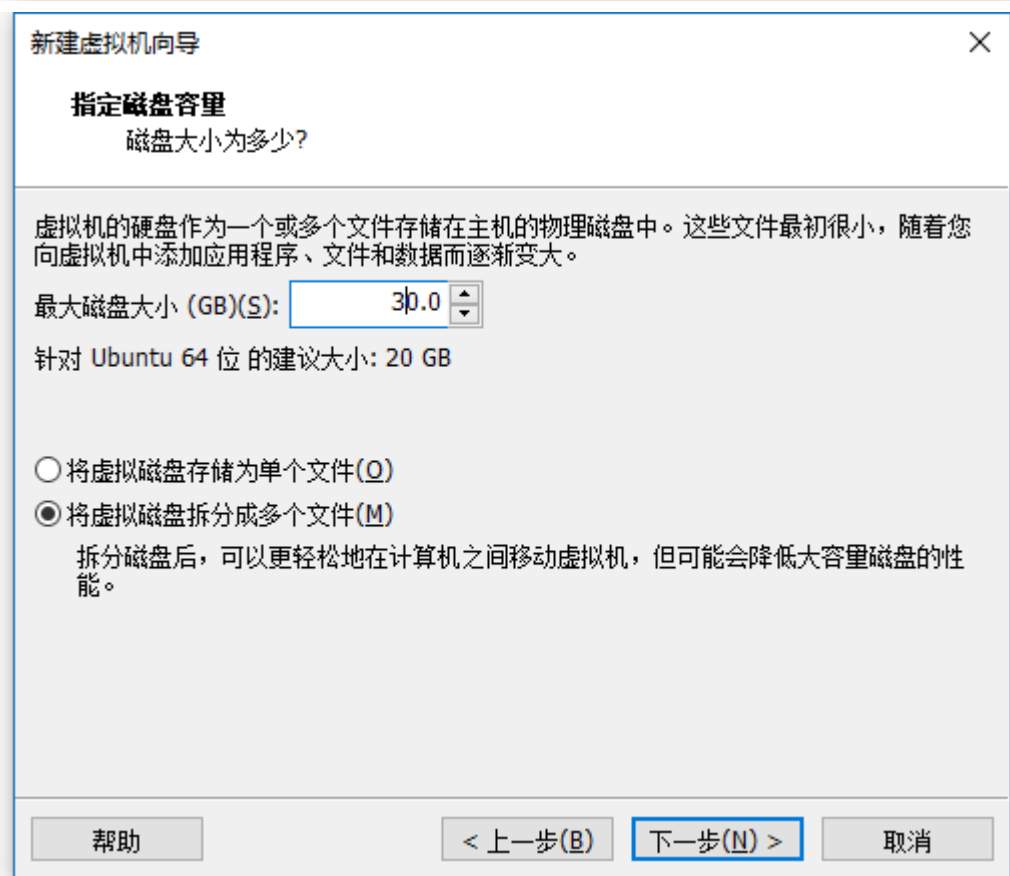
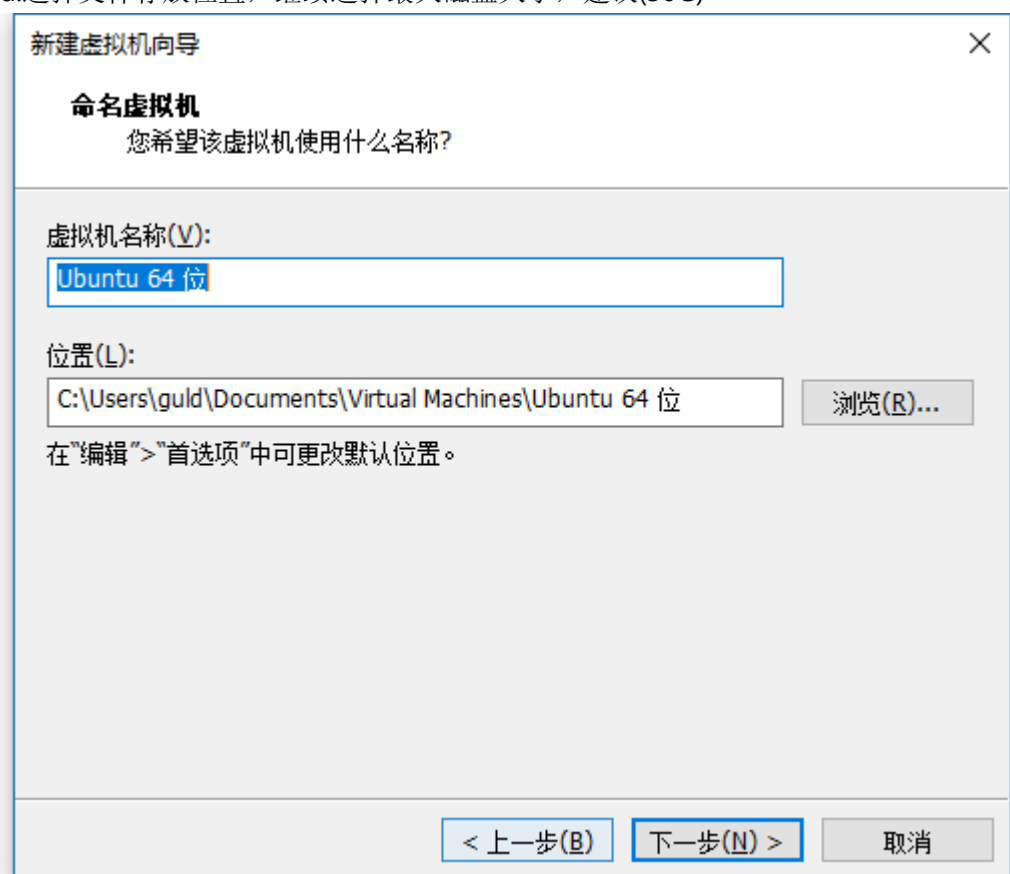


- b. 选择下载好的ubuntu镜像

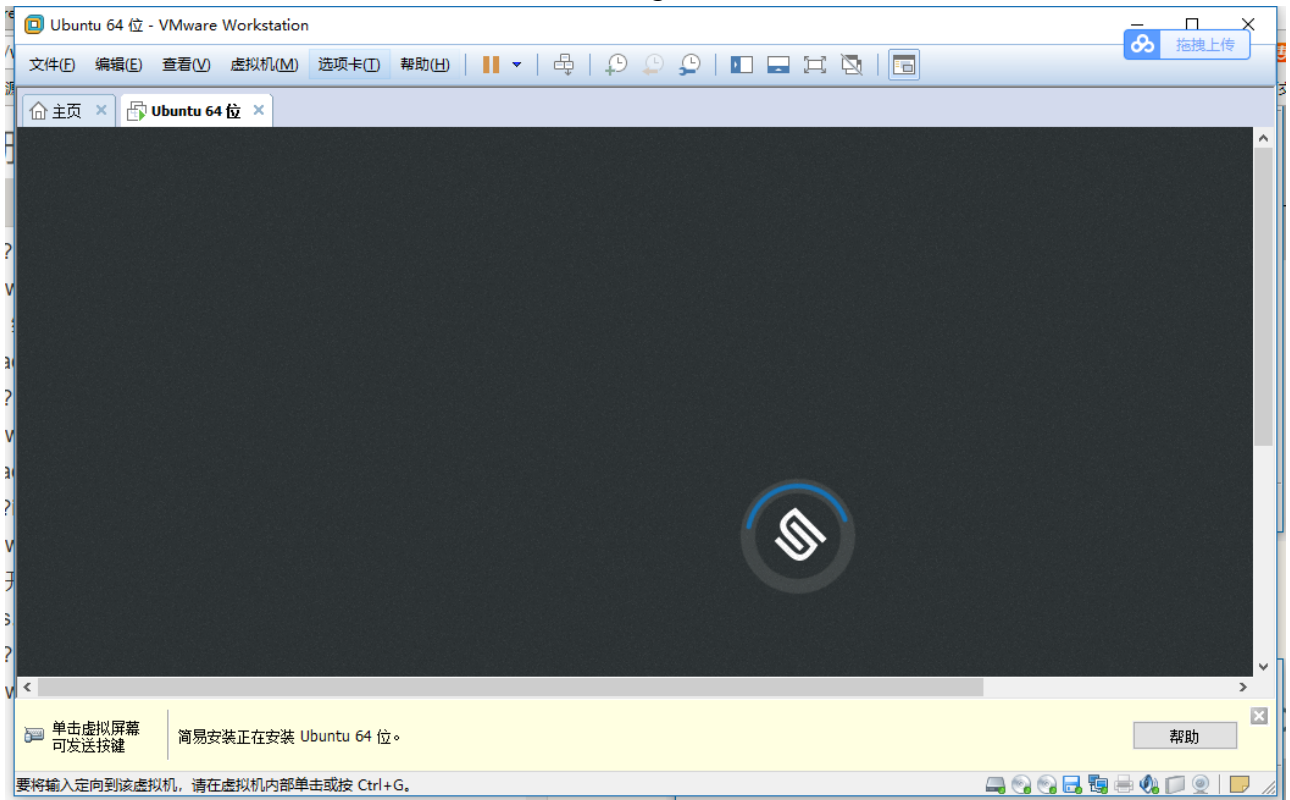


- c. 填入信息继续

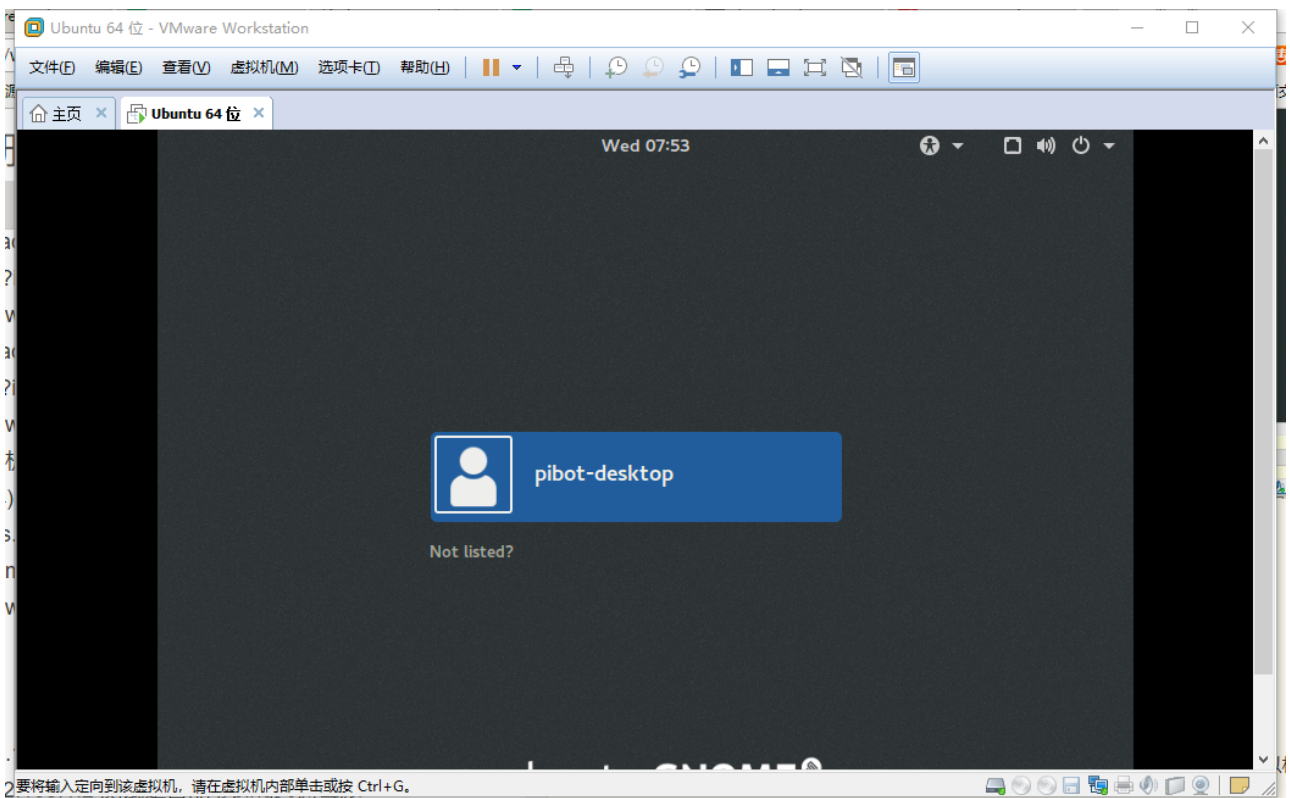
- d.选择文件存放位置，继续选择最大磁盘大小，建议(30G)



- e. 点击完成继续，虚拟机会重启开始安装(我安装的是gnome桌面的ubuntu，可能显示不一样)



- f. 安装完成



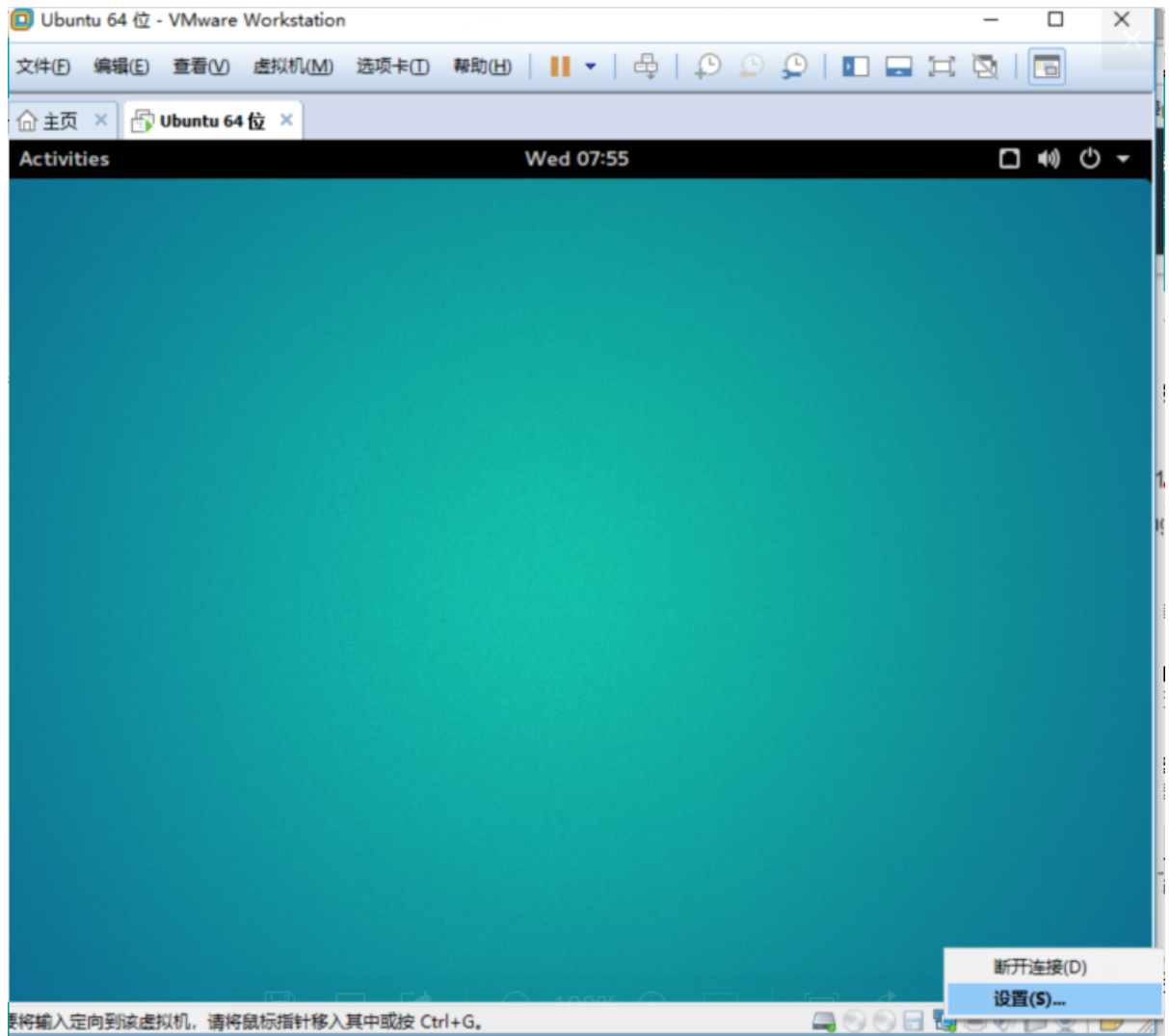
## 2. 安装ROS

使用PIBOT ROS安装脚本即可完成ROS的一键安装

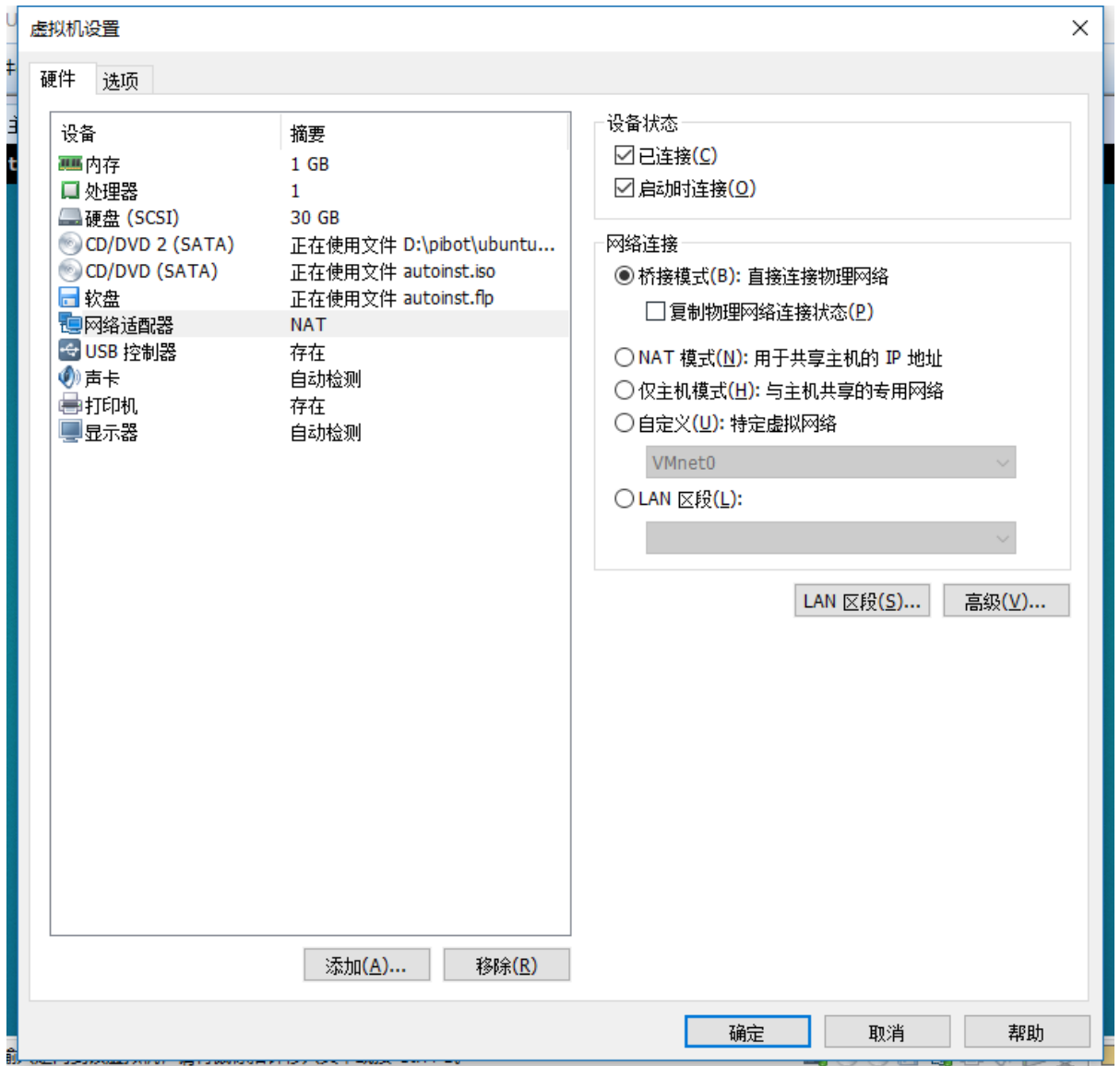
```
cd ~/piBOT_ros
./piBOT_install_ros.sh
source ~/.bashrc
```

### 3. 网络连接

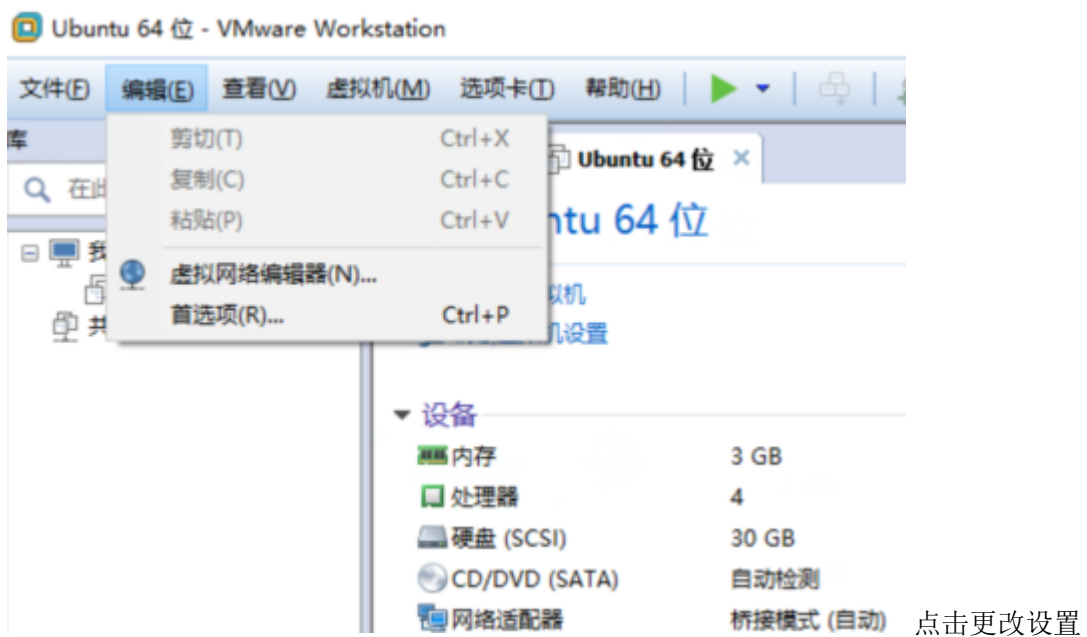
- 虚拟机选择桥接模式
  - a. 右击右下角图标

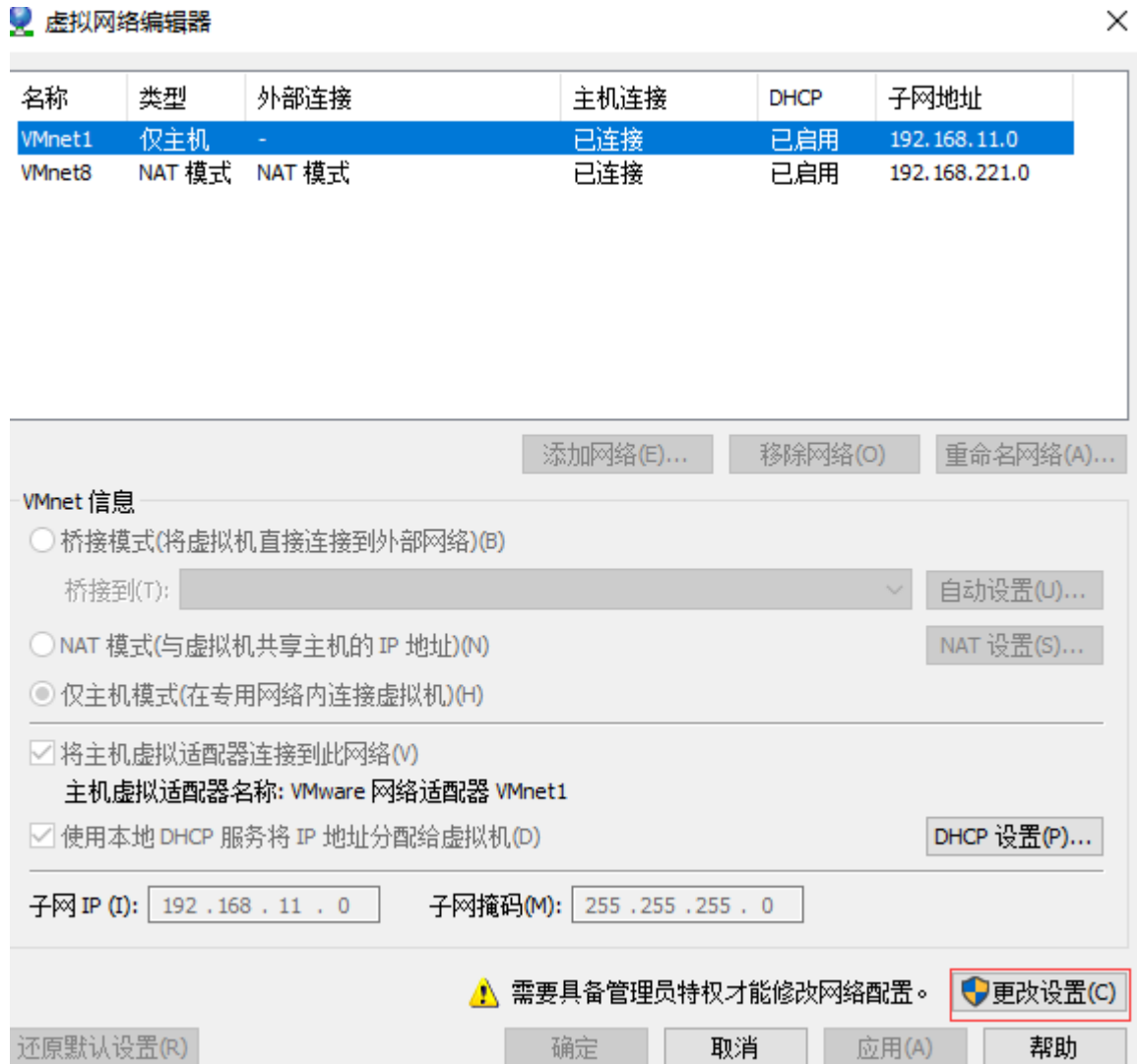


o b.网络连接选择桥接模式

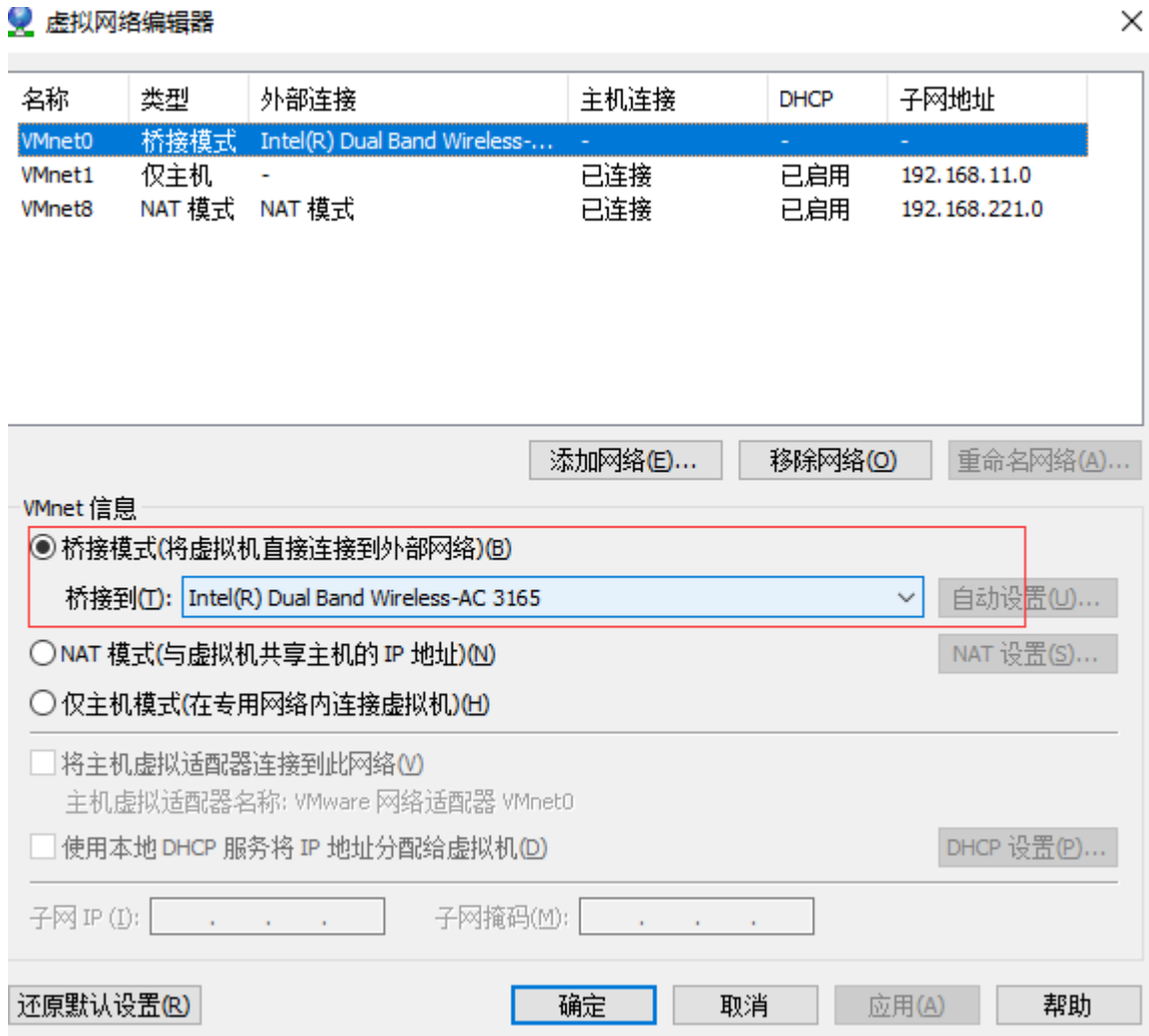


o c.设置桥接网卡，点击菜单编辑选择虚拟网络编辑器





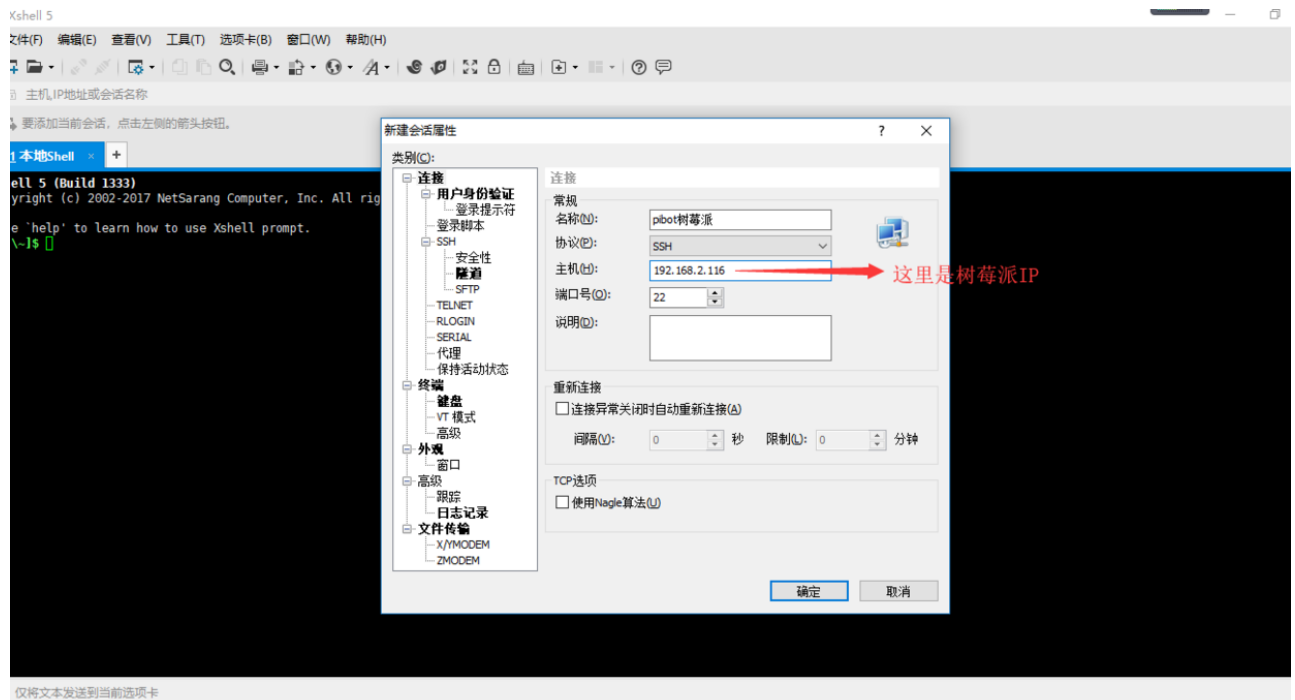
选择需要桥接的网卡，确定即可



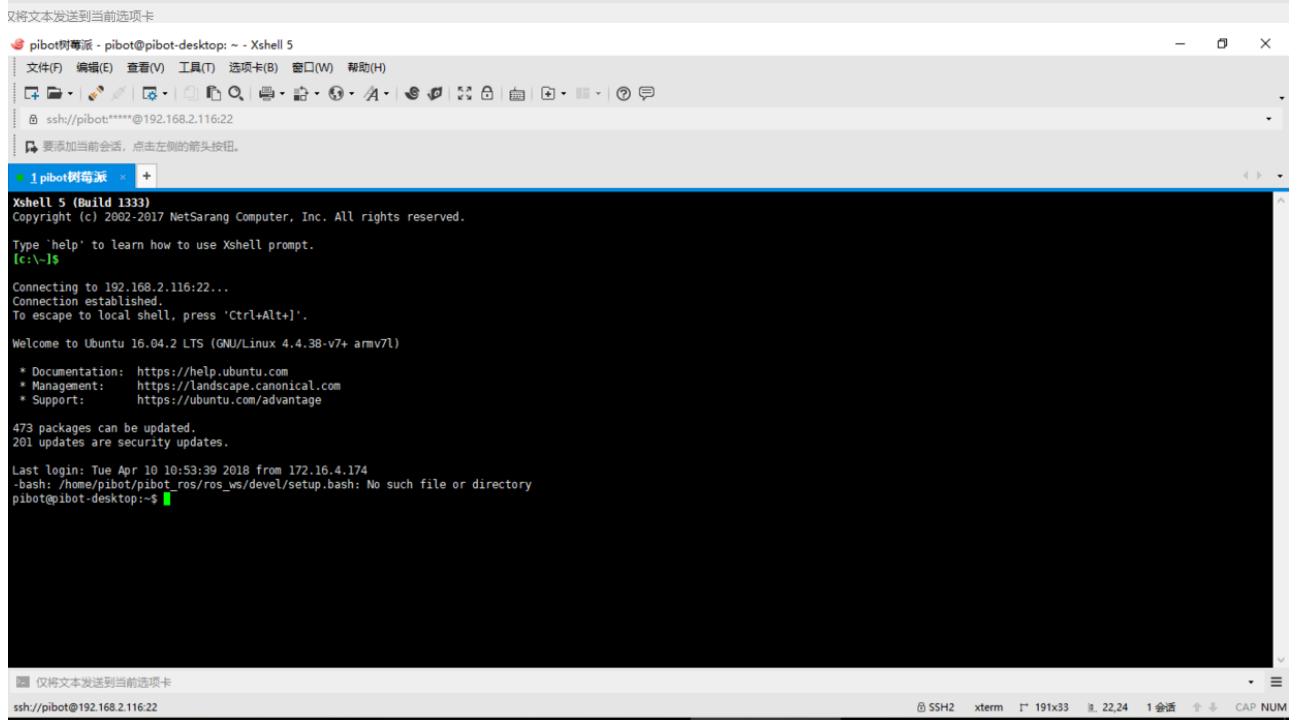
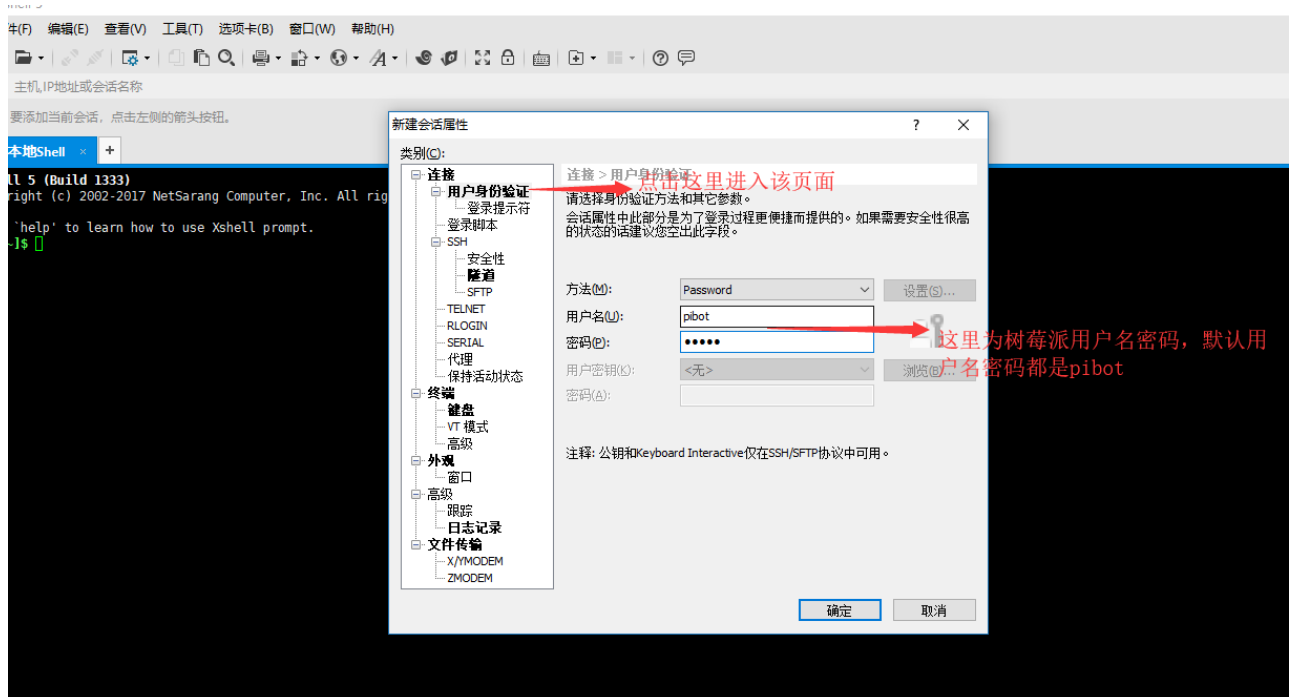
## 4. windows安装Xmanager(xshell、xftp)

安装文件在网盘中 [pibot\pibot docs\software\Xmanager-v5.0.0547.zip](#), 安装过程不再赘述

- 通过xshell连接至树莓派







• 通过xftp传输文件

