

虚拟机安装指导手册

1、 工具/环境

系统: Windows 10

虚拟机软件: VMware Workstation 14

Linux 系统镜像: ubuntu-16.04.2

2、 安装 VMware 软件

软件下载：

https://my.vmware.com/web/vmware/info/slug/desktop_end_user_computing/vmware_workstation_pro/14_0

软件安装：

参见：https://blog.csdn.net/Cmh_csdn/article/details/82053338

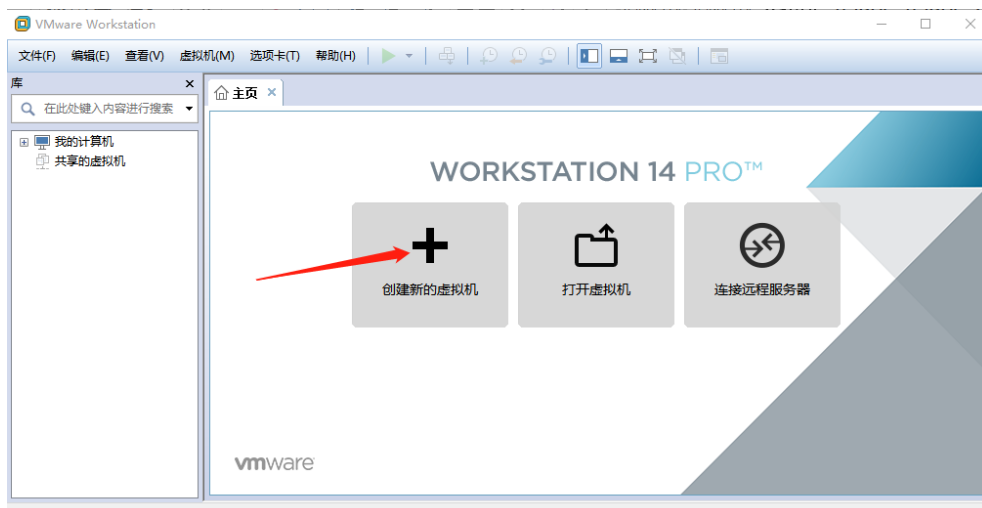
3、 安装 Ubuntu 系统

Ubuntu 镜像下载：<http://www.ubuntu.org.cn/download/alternative-downloads>

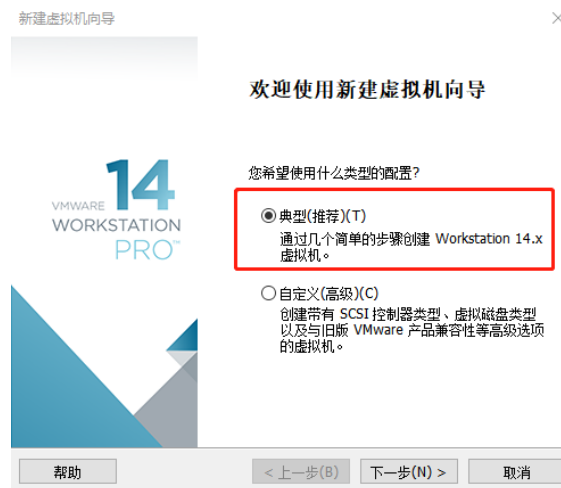
选择 64 位版本：



(1) 打开虚拟机软件 VMware，点击“创建新的虚拟机”



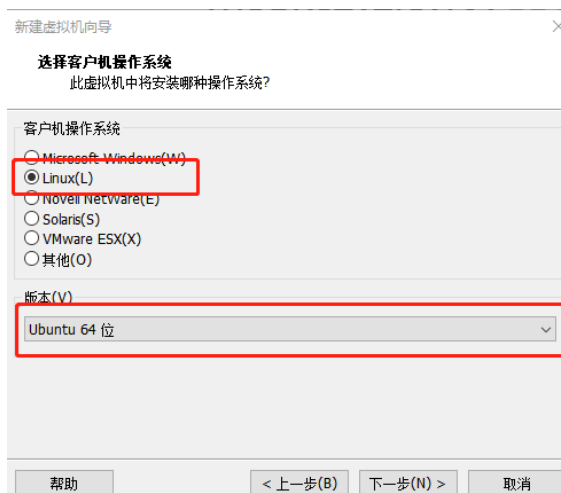
(2) 选择“典型”选项，点击下一步



(3) 选择“稍后安装操作系统”，点击下一步



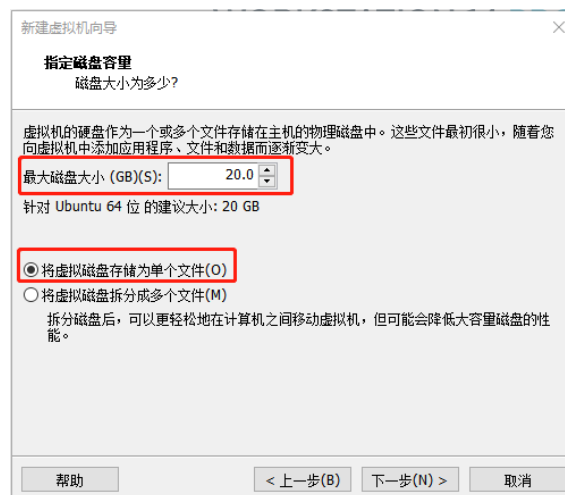
(4) 客户机操作系统选择 Linux，版本选择 Ubuntu 64 位，点击下一步



(5) 虚拟机名称可以自定义，位置可根据自己喜好自由选择，点击下一步



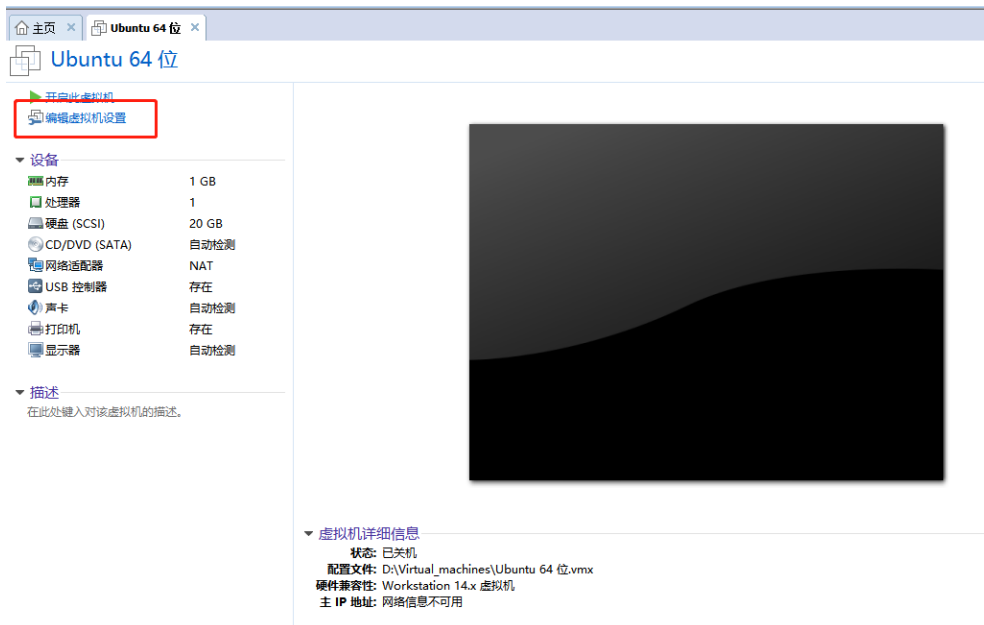
(6) 将虚拟磁盘存储为单个文件，磁盘大小默认即可，点击下一步



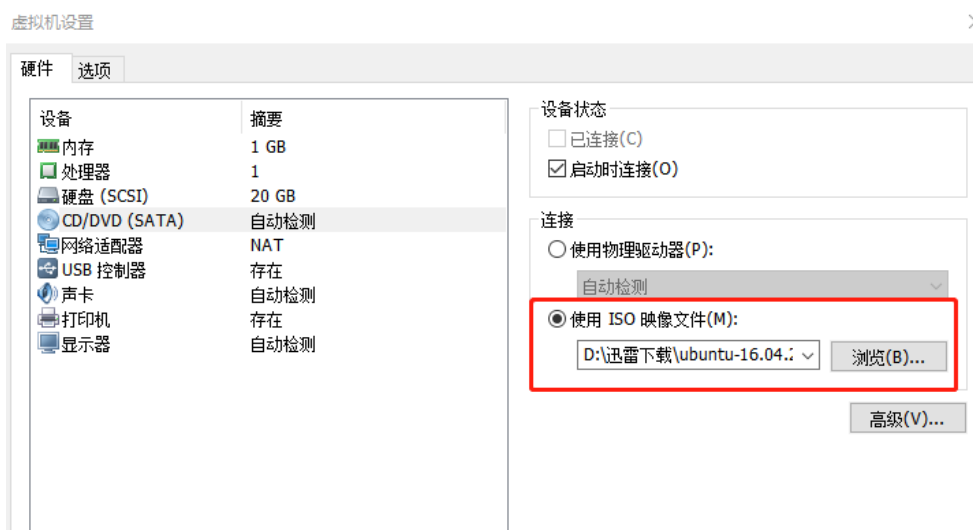
(7) 点击完成



(8) 点击“编辑虚拟机设置”，配置镜像路径

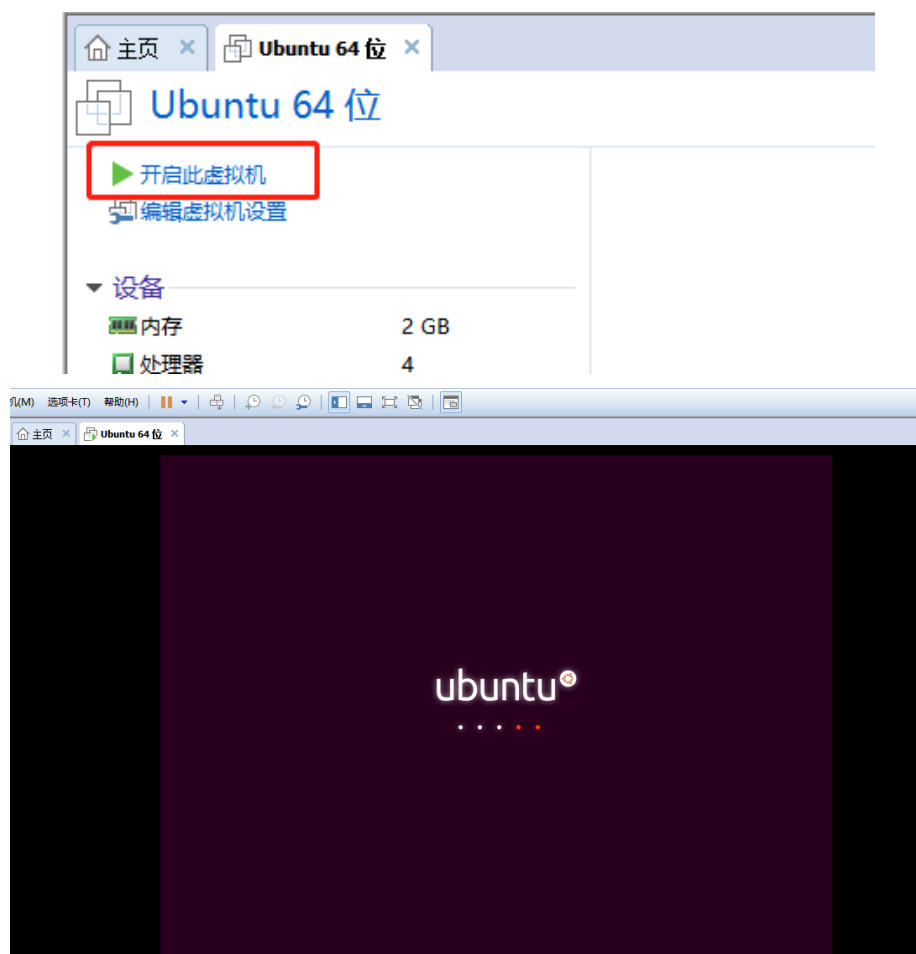


(9) 然后点击浏览选择下载好的 Ubuntu 镜像文件，点击确定，完成设置

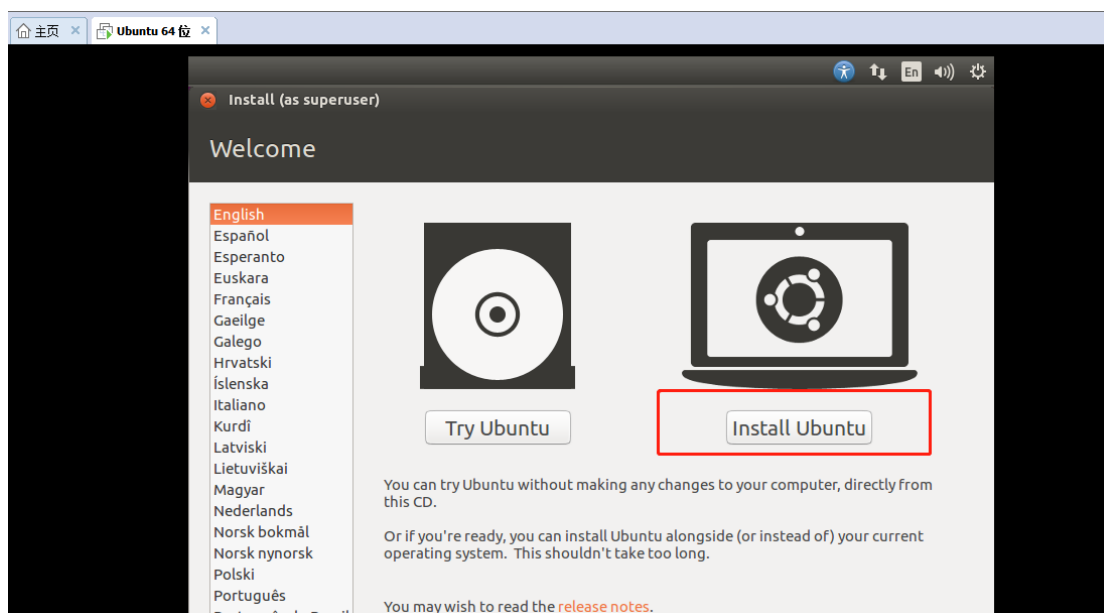


注：内存、处理器、硬盘的参数设置可根据自己电脑配置适当调整。

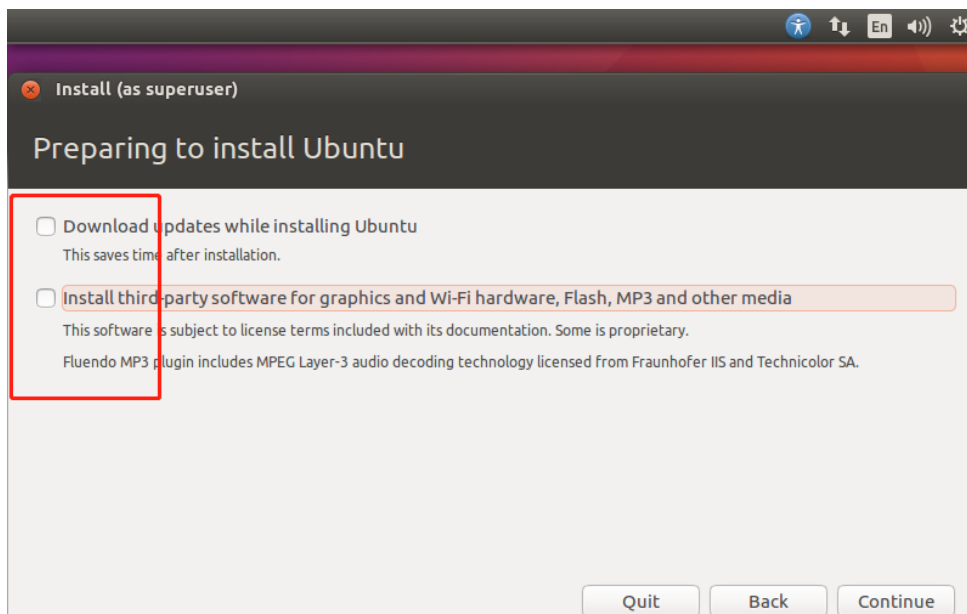
(10) 开启虚拟机



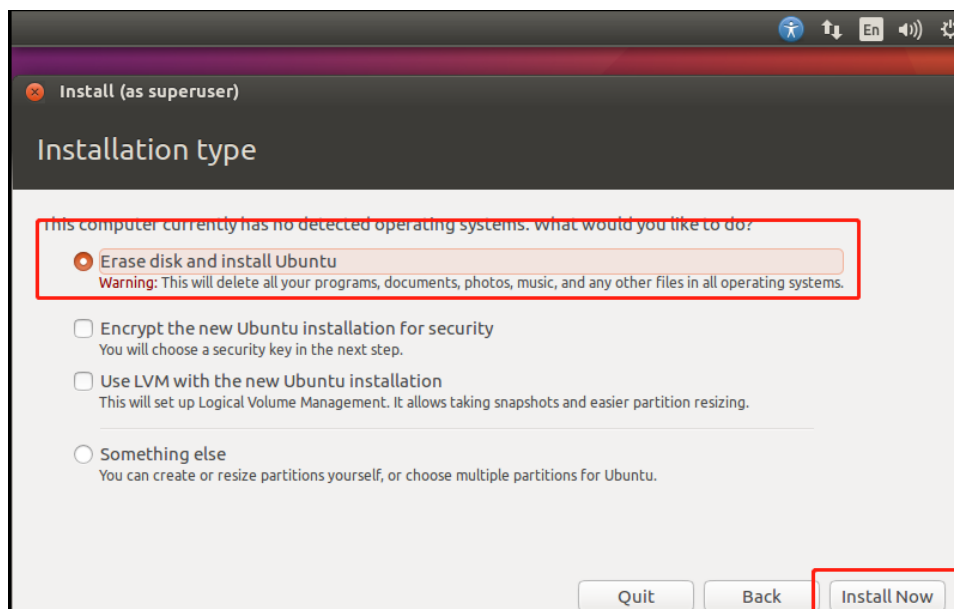
(11) 选择 “Install Ubuntu”



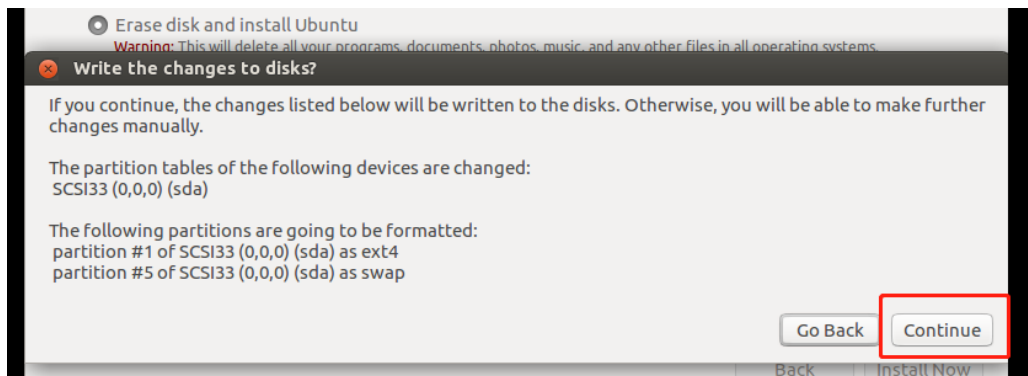
(12) 以下两个选项建议不要选, 如果选中的话, 安装时间可能会加长, 直接点击 continue



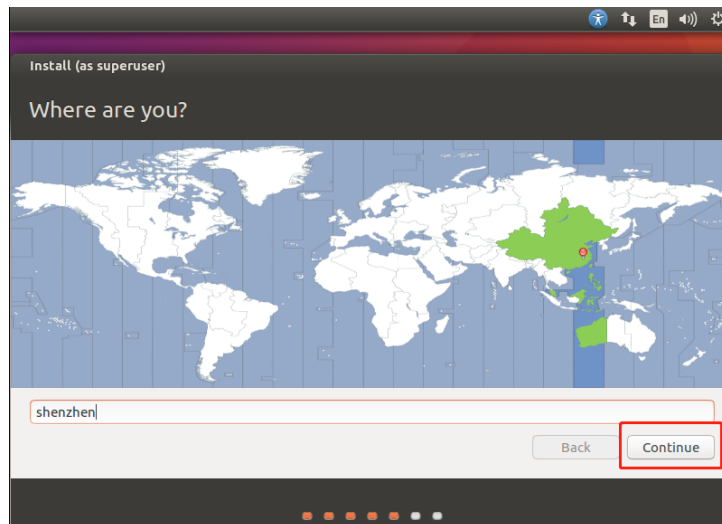
(13) 选择第一个选项，然后选择 “Install Now”



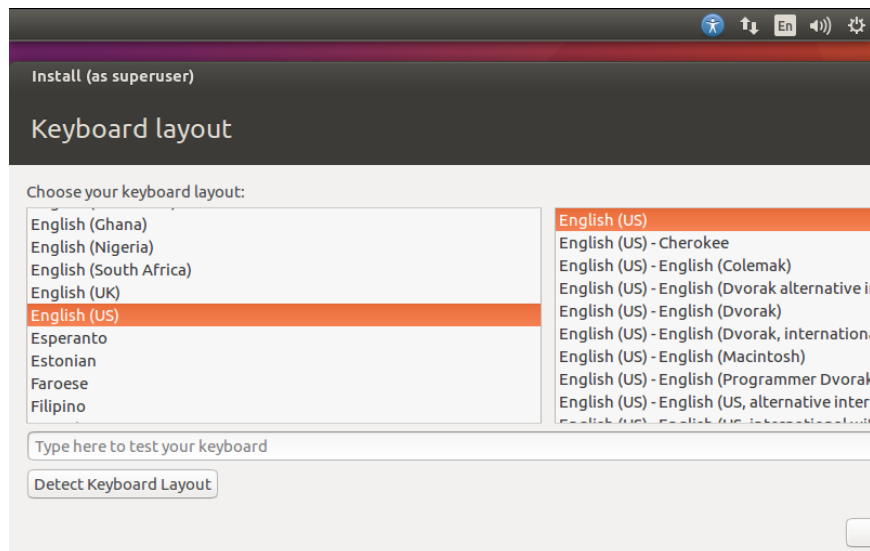
(14) 点击 “continue”



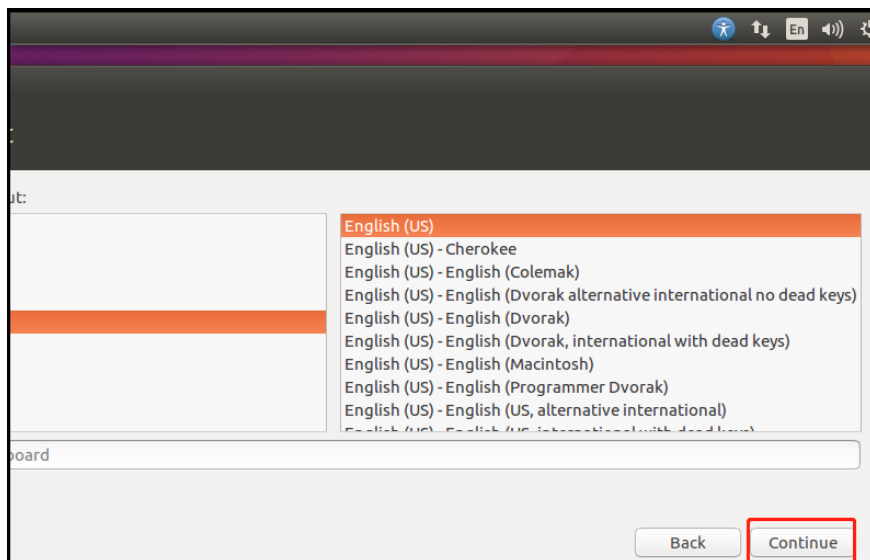
(15) 点击 Continue



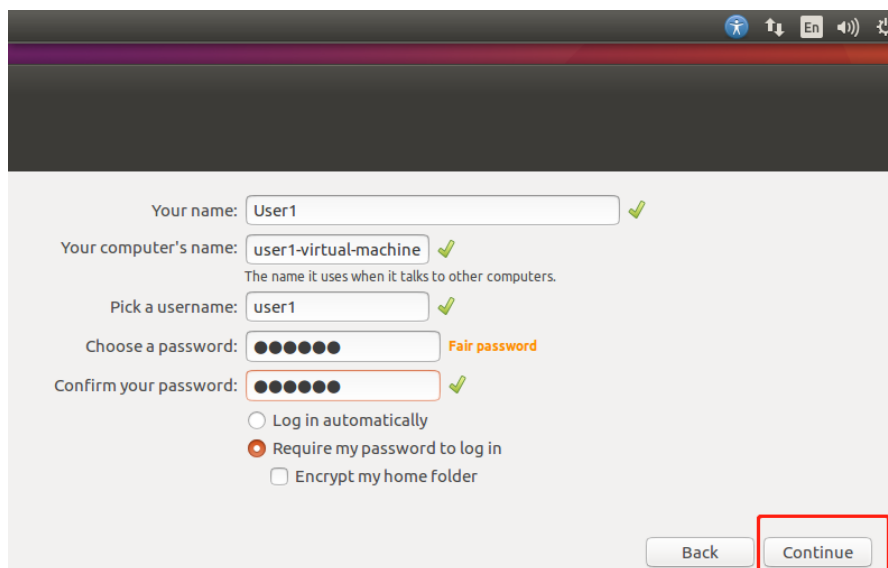
(16) 键盘布局



(17) 点击 Continue

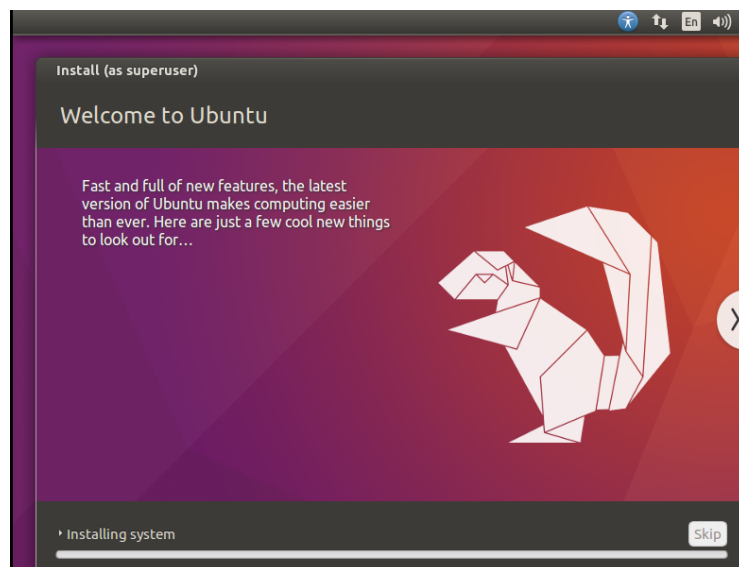


(18) 设置用户名密码，点击 Continue

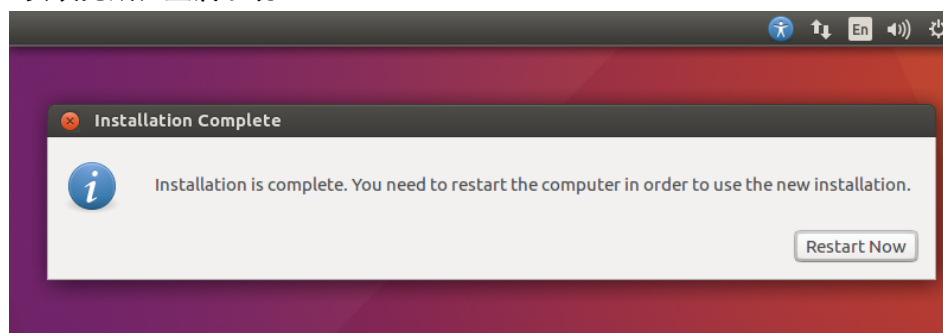


The image shows the Ubuntu installer's user configuration screen. It has a dark purple header bar with system icons on the right. The main area is light gray and contains several input fields with green checkmarks indicating successful validation: 'Your name:' with 'User1', 'Your computer's name:' with 'user1-virtual-machine', and 'Pick a username:' with 'user1'. Below these are password fields: 'Choose a password:' and 'Confirm your password:', both filled with dots and marked as 'Fair password'. At the bottom, there are three radio button options: 'Log in automatically' (unselected), 'Require my password to log in' (selected), and 'Encrypt my home folder' (unselected). In the bottom right corner, there are two buttons: 'Back' and 'Continue', with the 'Continue' button highlighted by a red rectangular box.

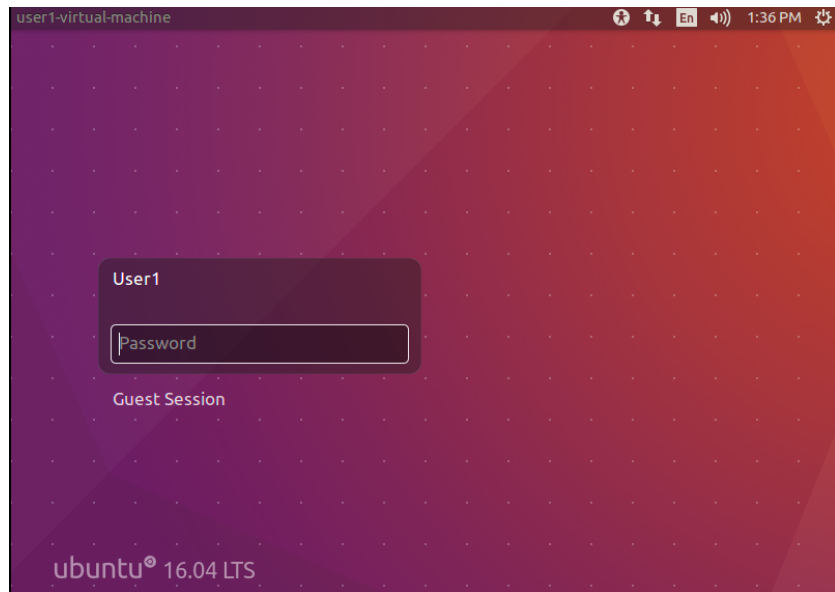
(19) 开始安装



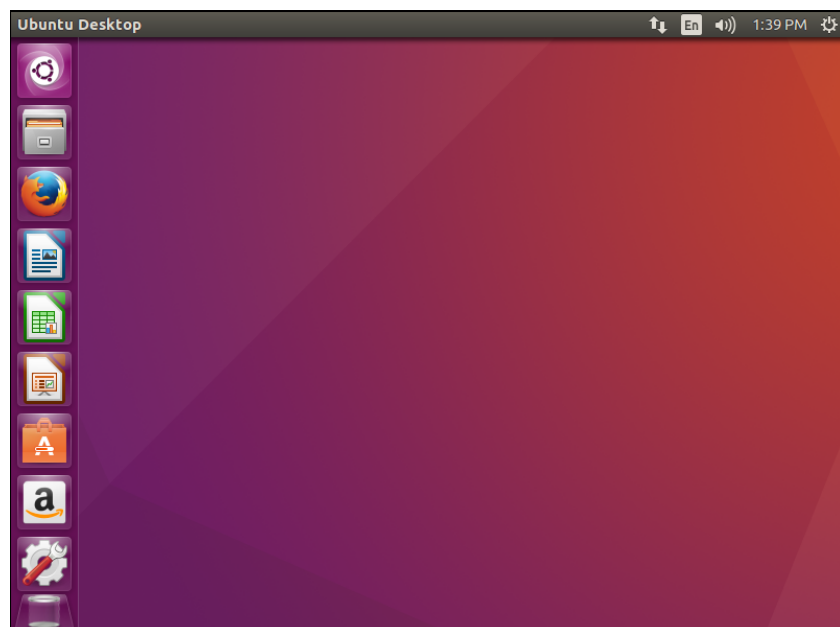
(20) 安装完成，重启系统



(21) 安装完成



(22) 输入之前设置的密码进入系统

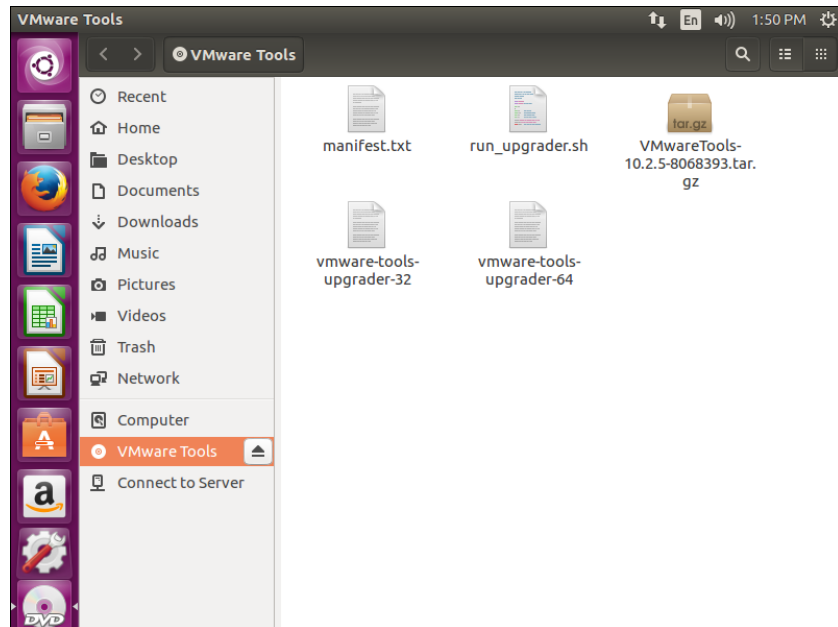


(23) 至此，Ubuntu 系统安装完毕

4、 安装 VMware Tools

安装 VMware Tools，方便虚拟机和本地 Windows 系统进行文件交换。

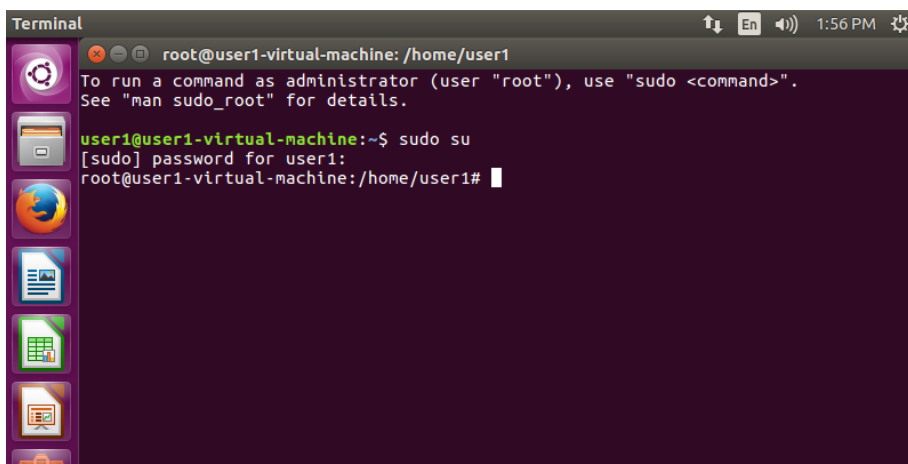
- (1) 点击 VMware 软件工具栏中的“虚拟机”选项，选择安装“VMware Tools(T)”，此时 Ubuntu 系统中会弹出相应的安装镜像



- (2) 将 VMwareTools-10.1.6-5214329.tar.gz 复制到桌面



- (3) 打开终端，切换到 root 用户



(4) 切换到桌面文件夹

```
Terminal
root@user1-virtual-machine: /home/user1/Desktop
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

user1@user1-virtual-machine:~$ sudo su
[sudo] password for user1:
root@user1-virtual-machine:/home/user1# cd Desktop/
root@user1-virtual-machine:/home/user1/Desktop# pwd
/home/user1/Desktop
root@user1-virtual-machine:/home/user1/Desktop# ls
VMwareTools-10.2.5-8068393.tar.gz
root@user1-virtual-machine:/home/user1/Desktop#
```

(5) 输入以下命令解压文件

```
Terminal
root@user1-virtual-machine: /home/user1/Desktop
root@user1-virtual-machine:/home/user1/Desktop# tar -zxvf VMwareTools-10.2.5-8068393.tar.gz
```

```
Terminal
root@user1-virtual-machine: /home/user1/Desktop
root@user1-virtual-machine:/home/user1/Desktop# ls
VMwareTools-10.2.5-8068393.tar.gz  vmware-tools-distrib
root@user1-virtual-machine:/home/user1/Desktop#
```

(6) 进入 vmware-tools-distrib 文件夹

```
Terminal
root@user1-virtual-machine: /home/user1/Desktop/vmware-tools-distrib
root@user1-virtual-machine:/home/user1/Desktop# ls
VMwareTools-10.2.5-8068393.tar.gz  vmware-tools-distrib
root@user1-virtual-machine:/home/user1/Desktop# cd vmware-tools-distrib/
root@user1-virtual-machine:/home/user1/Desktop/vmware-tools-distrib# pwd
/home/user1/Desktop/vmware-tools-distrib
root@user1-virtual-machine:/home/user1/Desktop/vmware-tools-distrib# ls
bin  caf  doc  etc  FILES  INSTALL  installer  lib  vgauth  vmware-install.pl
root@user1-virtual-machine:/home/user1/Desktop/vmware-tools-distrib#
```

(7) 输入命令 ./vmware-install.pl, 然后回车, 输入 yes

```
bin  caf  doc  etc  FILES  INSTALL  installer  lib  vgauth  vmware-install.pl
root@user1-virtual-machine:/home/user1/Desktop/vmware-tools-distrib# ./vmware-in
stall.pl
open-vm-tools packages are available from the OS vendor and VMware recommends
using open-vm-tools packages. See http://kb.vmware.com/kb/2073803 for more
information.
Do you still want to proceed with this installation? [no] yes
```

(8) 回车

```
Creating a new VMware Tools installer database using the tar4 format.

Installing VMware Tools.

In which directory do you want to install the binary files?
[/usr/bin]
```

(9) 后面步骤一直回车即可

(10) 安装完成

```
To enable advanced X features (e.g., guest resolution fit, drag and drop, and
file and text copy/paste), you will need to do one (or more) of the following:
1. Manually start /usr/bin/vmware-user
2. Log out and log back into your desktop session
3. Restart your X session.

Enjoy,

--the VMware team

Found VMware Tools CDRom mounted at /media/user1/VMware Tools. Ejecting device
/dev/sr0 ...
root@user1-virtual-machine:/home/user1/Desktop/vmware-tools-distrib#
```

(11) 重启虚拟机即可

VMware Tools 安装完成以后可以自由地在虚拟机和本地 Windows 系统中进行直接拖拽文件的操作。