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# 操作前需知

```
import os
from cxz.userutils import UserAction
ssh_args = {
    'hostname': '192.168.220.128',
    'port': 22,
    'username': 'lzh'
    'password': '083636'
}
```

所有的测试都必须先运行前面那个模块 user\_task = UserAction(ssh\_args)

## 终端快捷方式

• 粘贴(上)下一条命令

方向键上下键

• 翻查历史记录

CTRL+R

• 终止当下命令

CTRL+C

• 退出终端

eixt/quit/CTRL+E

• 清理屏幕

clear

• 查看之前打过的命令(可关键词查找)

history

• 将光标移到行首

CTRL+A

• 将光标移到行尾

CTRL+E

• 将光标按单词往前移

ALT+B

• 将光标按单词往后移

ALT+F

• 向前删除一个单词

**ALT+BACESPACE** 

• 向后删除一个单词

ALT+D

## Linux一些命令操作

• 列出所有可更新的软件清单命令

sudo apt update

• 升级软件包

sudo apt upgrade

• 查看当前路径下的文件

• 显示指定工作目录下之内容

ls

• 改变终端所在路径

cd <mark>路径</mark>

• 打开文件

sudo gedit 文件路径.文件名//按TAB键显示当下文件夹

• 查看当前在哪个路径

pwd

如无法将本机复制粘贴到虚拟机解决方法 sudo apt install open-vm-tools • 删除包 sudo apt remove 文件名 删除冗余包 sudo apt autoremove 查找某文件路径 which 文件名 查看用户的关键信息 cat /etc/passwd 下载包 sudo apt install 文件名 • 帮助手册 man <mark>命令</mark> • 命令用于连接文件并打印到标准输出设备上 cat /etc/passwd • 抄代码 //搬砖 git clone • 将硬盘列出来

Isblk

# ssh测试

# 步骤

1. 更新系统

sudo apt update

2. 下载ssh包

sudo apt install openssh-server

3. 查IP地址

ip a

# 补充

• 服务

systemctl

• 查看ssh服务

systemctl status sshd

• 重启ssh服务

systemctl restart sshd

• 开启ssh服务

systemctl start sshd

• 关闭ssh服务

systemctl stop sshd

• 检查是否安装成功ssh服务

ssh <mark>用户名</mark> @localhost

# 换源测试

1. 打开换源的文件

sudo gedit /etc/apt/sources.list

2. 替换国内源//这里仅展示中科大源

deb https://mirrors.ustc.edu.cn/ubuntu/ jammy main restricted universe multiverse deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy main restricted universe multiverse deb https://mirrors.ustc.edu.cn/ubuntu/ jammy-updates main restricted universe multiverse deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-updates main restricted universe multiverse deb https://mirrors.ustc.edu.cn/ubuntu/ jammy-backports main restricted universe multiverse deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-backports main restricted universe multiverse deb https://mirrors.ustc.edu.cn/ubuntu/ jammy-security main restricted universe multiverse deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-security main restricted universe multiverse deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-proposed main restricted universe multiverse deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-proposed main restricted universe multiverse deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-proposed main restricted universe multiverse multiverse deb-src

3. 更新系统

sudo apt update

4. 更新软件

sudo apt upgrade

# 考试如果禁用剪切板的话,补救方式

- 1. wget http://web.tecxz.com:7080/ubuntu/sources.list.ustc
- 2. sudo mv sources.list.ustc /etc/apt/sources.list
- 3. 更新系统

sudo apt update

4. 更新软件

sudo apt upgrade

# 基础测试

1. 下载git和zsh

sudo apt install git zsh

2. 下载curl

sudo apt install curl

3. 调用老师的zsh

curl -fsSL http://web.tecxz.com:7080/file/zsh/install.sh | sh

4. 默认改成zsh

chsh -s /usr/bin/zsh

5. 改zsh主题(第11行双引号里的改成ys)

gedit ~/.zshrc

## 补充

• 改成zsh后必须要登pyclss,不然命令运行不了

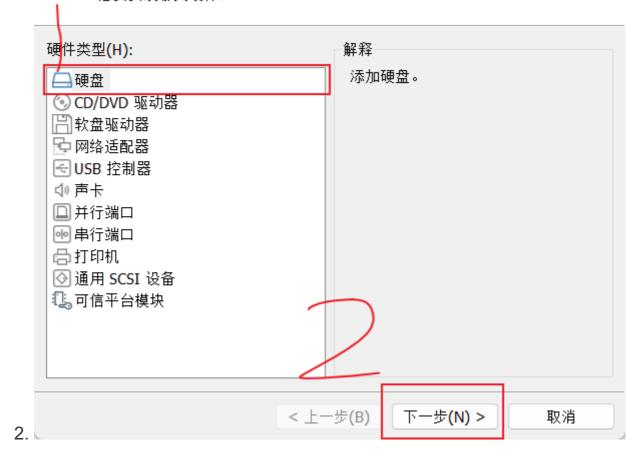
# 分区创建测试

1. 创建新硬盘 (15个G)



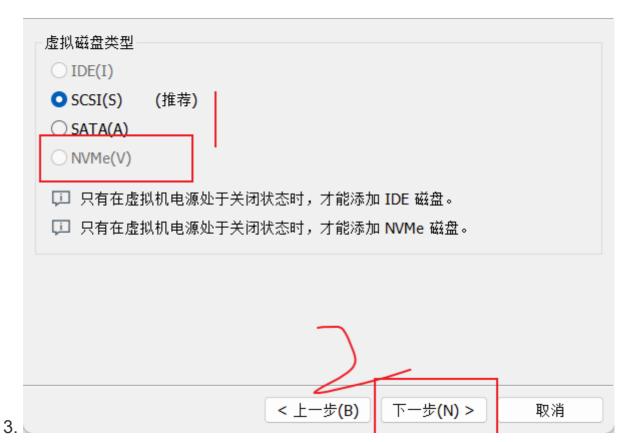
#### 硬件类型

您要安装哪类硬件?



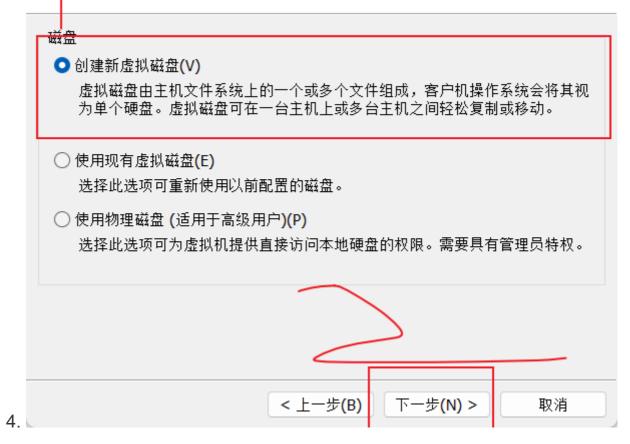
#### 选择磁盘类型

您要创建何种磁盘?



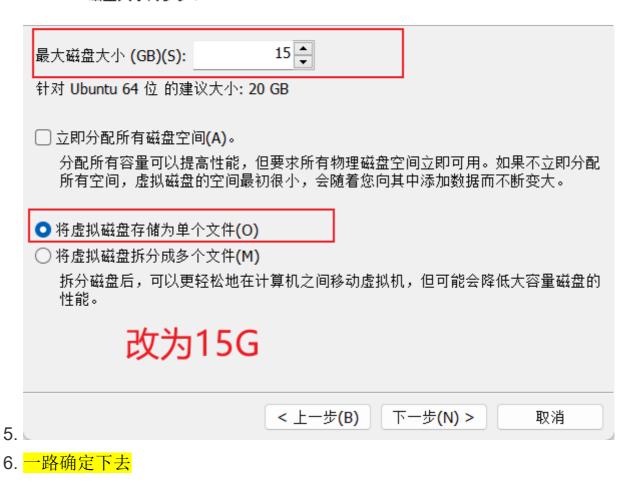
#### 选择磁盘

您要使用哪个磁盘?



#### 指定磁盘容量

磁盘大小为多少?



7 要将输入定向到该虚拟机,请将鼠标指针移入其中或按 Ctrl+



### 3. 进入硬盘设置

## 进入nvme0n1分区

```
$ sudo gdisk /dev/nvme0n1
[sudo] lzh 的密码:
GPT fdisk (gdisk) version 1.0.8

Partition table scan:
   MBR: not present
   BSD: not present
   APM: not present
   GPT: not present

Creating new GPT entries in memory.
```

### 显示当前磁盘的分区表

```
Command (? for help): p
Disk /dev/nvme0n1: 31457280 sectors, 15.0 GiB
Model: VMware Virtual NVMe Disk
Sector size (logical/physical): 512/512 bytes
Disk identifier (GUID): DF6E6330-8E27-4F44-8DFD-323C30310F71
Partition table holds up to 128 entries
Main partition table begins at sector 2 and ends at sector 33
First usable sector is 34, last usable sector is 31457246
Partitions will be aligned on 2048-sector boundaries
Total free space is 31457213 sectors (15.0 GiB)
        Start (sector)
                          End (sector)
Number
                                        Size
                                                   Code
                                                         Name
```

```
3. 输入n后按回车
```

```
Command (? for help): n
  Partition,如中华人民28,共和国本民
  First sector (34-31457246, default = 2048) or {+-}size{KMGTP}:
  Last sector (2048-31457246, default = 31457246) or {+-}size{KMGTP<mark>)</mark>: +500M
  Current type is 8300 (Linux filesystem)
      code o CUID (L to show codes, Enter = 8300): L
4.
  Hex code or GUID (L to show codes, Enter = 8300): ef00
  Changed type of partition to 'EFI system partition'
5.
  Command (? for help): p
  Disk /dev/nvme0n1: 31457280 sectors, 15.0 GiB
  Model: VMware Virtual NVMe Disk
  Sector size (logical/physical): 512/512 bytes
  Disk identifier (GUID): DF6E6330-8E27-4F44-8DFD-323C30310F71
  Partition table holds up to 128 entries
  Main partition table begins at sector 2 and ends at sector 33
  First usable sector is 34, last usable sector is 31457246
  Partitions will be aligned on 2048-sector boundaries
  Total free space is 30433213 sectors (14.5 GiB)
  Number Start (sector) End (sector) Size
                                                   Code Name
                                      500.0 MiB
                  2048
                              1026047
                                                   EF00 EFI system partition
     1
6.
  Command (? for help): n
  Partition number (2-128, default 2):
  First sector (34-31457246, default = 1026048) or {+-}size{KMGTP}:
```

```
Command (? for help): n

Partition number (2-128, default 2):

First sector (34-31457246, default = 1026048) or {+-}size{KMGTP}:

Last sector (10260 10 31457246, default = 31457246) or {+-}size{KMGTP}:

Current type is 8300 (Linux filesystem)

Hex code or GUID (L to show codes, Enter = 8300):

Changed type of partition to 'Linux filesystem'

7.
```

```
Command (? for help): p
  Disk /dev/nvme0n1: 31457280 sectors, 15.0 GiB
  Model: VMware Virtual NVMe Disk
  Sector size (logical/physical): 512/512 bytes
  Disk identifier (GUID): DF6E6330-8E27-4F44-8DFD-323C30310F71
  Partition table holds up to 128 entries
  Main partition table begins at sector 2 and ends at sector 33
  First usable sector is:4. last usable sector is 31457246
  Partitions will be aligned on 2048-sector boundaries
  Total free space is 2014 sectors (1007.0 KiB)
  1
               2048
                         1026047 500.0 MiB EF00 EFI system partition
            1026048
                         2
8.
```

#### 9. 分区1命名

Command (? for help): c Partition number (1-2): 1 Enter name: classesp

#### 10. 分区2命名

Command (? for help): c Partition number (1-2): 2 Enter name: classroot

```
Command (? for help): p
Disk /dev/nvme0n1: 31457280 sectors, 15.0 GiB
Model: VMware Virtual NVMe Disk
Sector size (logical/physical): 512/512 bytes
Disk identifier (GUID): DF6E6330-8E27-4F44-8DFD-323C30310F71
Partition table holds up to 128 entries
Main partition table begins at sector 2 and ends at sector 33
First usable sector is 34, last usable sector is 31457246
Partitions will be aligned on 2048-sector boundaries
Total free space is 2014 sectors (1007.0 KiB)
Number Start (sector)
                         End (sector) Size
                                                 Code Name
                                                 EF00 classesp
  1
               2048
                            1026047 500.0 MiB
  2
            1026048
                           31457246 14.5 GiB
                                                 8300 classroot
```

```
Final checks complete. About to write GPT data. THIS WILL OVERWRITE EXISTING PARTITIONS!! 按定收点车后,按文点车

Do you want to proceed? (Y/N): y

OK; writing new GUID partition table (GPT) to /dev/nvme0n1.

The operation has completed successfully.
```

### 13. 检查是否硬盘分区成功

```
lsblk
NAME
           MAJ:MIN RM SIZE RO TYPE MOUNTPOINTS
loop0
                        62M 1 loop /snap/core20/1587
loop1
            7:1
                  0
                         4K 1 loop /snap/bare/5
            7:2 0 346.3M 1 loop /snap/gnome-3-38-2004/119
loop2
loop3
            7:3
                  0 240.6M 1 loop /snap/firefox/2356
loop4
            7:4 0 63.3M 1 loop /snap/core20/1822
                  0 163.3M 1 loop /snap/firefox/1635
loop5
            7:5
            7:6 0 400.8M 1 loop /snap/gnome-3-38-2004/112
loop6
                  0 91.7M 1 loop /snap/gtk-common-themes/1535
loop7
            7:7
loop8
            7:8 0 45.9M 1 loop /snap/snap-store/582
loop9
             7:9
                  0 284K 1 loop /snap/snapd-desktop-integration/14
loop10
             7:10 0 49.8M 1 loop /snap/snapd/18357
            7:11 0 45.9M 1 loop /snap/snap-store/638
loop11
            7:12 0 304K 1 loop /snap/snapd-desktop-integration/49
loop12
                       20G 0 disk
sda
            8:0
                  0
 -sda1
            8:1
                  0 512M 0 part /boot/efi
 sda2
                   0 19.5G 0 part /var/snap/firefox/common/host-hunspell
           11:0 1 1024M 0 rom
sr0
nvme0n1
           259:0
                   0
                        15G 0 disk
 nvme0n1p1 259:3
                   0
                       500M 0 part
  nvme0n1p2 259:4
                   0 14.5G 0 part
```

# 磁盘挂载测试(挂载必须先挂载p2,再挂载p1)

### 1. 创建B系统的目录

```
# lzh @ mechrev in ~/Desktop [20:10:30] C:1
$ sudo mkfs.vfat -F32 /dev/nvme0n1p1
[sudo] lzh 的密码:
mkfs.fat 4.2 (2021-01-31)
```

2. 对p1盘格式化

3. 对p2盘格式化

4. 挂载p2盘

sudo mount /dev/nvme0n1p2 /mnt/usb

5. 创建/mnt/usb/boot/efi目录

sudo mkdir -p /mnt/usb/boot/efi

6. 挂载p1盘

sudo mount /dev/nvme0n1p1 /mnt/usb/boot/efi

7. 查看是否挂载成功

Isblk

## B系统预创建测试

1. B系统根目录

Is /mnt/usb

2. 构建一套基本的系统(根文件系统)

- sudo apt install debootstrap
- sudo apt search arch-install
- sudo apt install arch-install-scripts
- 3. 查看源的网站地址

```
cat /etc/apt/sources.list
```

```
deb https://mirrors.ustc.edu.cn/ubuntu/ jammy main restricted universe multiverse deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy main restricted universe multiverse deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-updates main restricted universe multiverse deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-updates main restricted universe multiverse deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-backports main restricted universe multiverse deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-backports main restricted universe multiverse deb https://mirrors.ustc.edu.cn/ubuntu/ jammy-security main restricted universe multiverse deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-security main restricted universe multiverse deb https://mirrors.ustc.edu.cn/ubuntu/ jammy-proposed main restricted universe multiverse deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-proposed main restricted universe multiverse
```

4. 下载根文件系统

sudo debootstrap --arch=amd64 jammy /mnt/usb https://mirrors.ustc.edu.cn/ubuntu/

5. 创建fstab

genfstab /mnt/usb | sudo tee /mnt/usb/etc/fstab

6. 检查一下

cat /mnt/usb/etc/fstab

7. 复制A系统sources.list文件至B系统nt/usb/etc/apt 目录下

sudo cp /etc/apt/sources.list /mnt/usb/etc/apt/sources.list

## B系统安装基础测试

1. 检查一下

cat /mnt/usb/etc/apt/sources.list

2. 将A系统的dev目录与B系统的dev目录绑定

sudo mount -o bind /dev /mnt/usb/dev

3. 验证是否绑定成功

4. 将系统信息绑定

sudo mount -o bind /sys /mnt/usb/sys

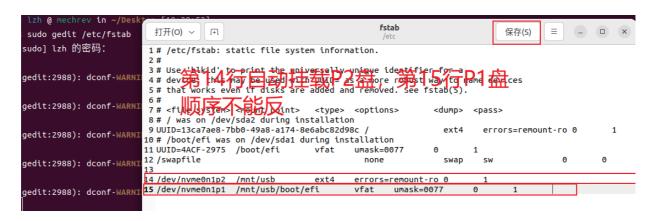
5. 将用户信息绑定

sudo mount -o bind /proc /mnt/usb/proc

6. 转换到B系统

sudo chroot /mnt/usb

- 7. 在A系统修改启动项自动挂载P2盘(不能自动挂载P1盘)
  - 1. sudo gedit /etc/fstab
  - 2. /dev/nvme0n1p2 /mnt/usb ext4 errors=remount-ro 0 1



## 字符界面使用文本编辑器

nano编辑器

nano //q启动编辑器

CTRL+X //保存 sudo nano 文件的绝对路径

- vim编译器 //重要
  - 。下载vim编译器

sudo apt install vim

- vi编译器
  - 。插入(ESC退出)

。进入命令界面

按冒号

。保存并退出

wq

。退出

q

# B系统必备软件测试

1. 在B系统更新软件

apt update

- 2. 在B系统安装Linux的内核
- 在A系统拷贝 sources.list到B系统上

sudo cp /etc/apt/sources.list /mnt/usb/etc/apt/sources.list

• 转换到B系统更新系统

sudo apt update

• 下载Linux内核到B系统

apt install linux-image-generic

3. 设置root密码

passwd

root@mechrev:/# passwd New password: Retype new password: passwd: password updated successfully

4. 创建一个用户

5. 验证是否用户有home目录

Is /home

6. 给刚创建的用户越权权限

usermod -aG sudo 用户名

7. 安装网络工具软件

apt install net-tools network-manager

8. 安装nano编译器

sudo apt install nano

## B系统引导测试

1. 安装grub

apt install efibootmgr grub-efi-amd64

2. 更新系统

apt update

3. 挂载

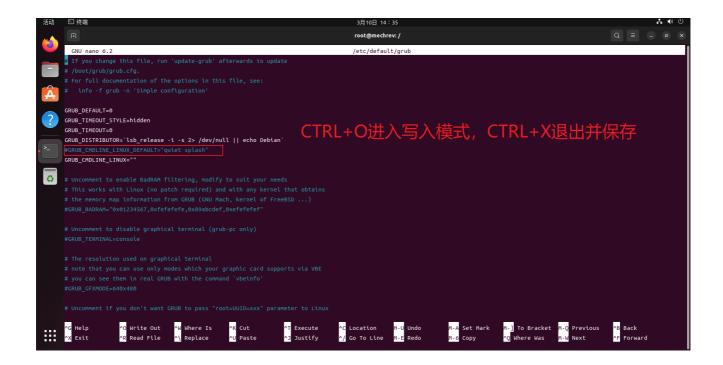
mount -t efivarfs efivarfs /sys/firmware/efi/efivars/

4. 下载grub

grub-install -v --target=x86\_64-efi --recheck /dev/nvme0n1

5. 使用nano编辑器编译

nano /etc/default/grub



6. 更新grub

update-grub

7. 下载NetworkManager

apt install network-manager

# B系统ssh测试(关机后进入A系统才能跑100分,在字符界面安装)

- 1. 重启进入B系统
- 2. 输入账户密码
- 3. 使用bash

bash

4. 使用指令查看

systemctl status NetworkManager

```
joker@joker-virtual-machine:~$ systemctl status NetworkManager

• NetworkManager.service – Network Manager

Loaded: loaded (/lib/systemd/system/NetworkManager.service; enabled; vendor preset: enabled)

Active: active (running) since Mon 2023–01–02 10:41:11 UTC; 4min 31s ago

Docs: man:NetworkManager(8)

Main PID: 532 (NetworkManager)

Tasks: 3 (limit: 4584)

Memory: 10.0M

CPU: 34ms

CGroup: /system.slice/NetworkManager.service

—532 /usr/sbin/NetworkManager --no-daemon

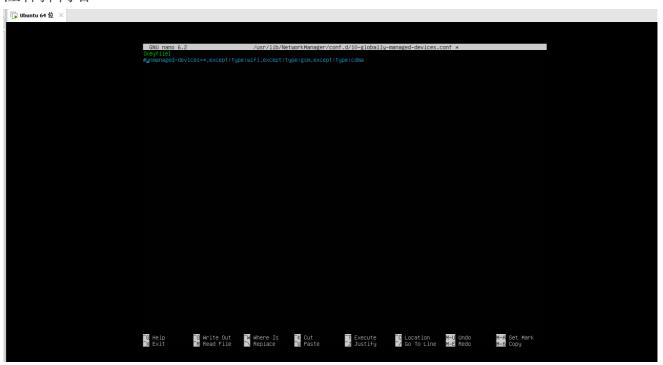
Warning: some journal files were not opened due to insufficient permissions.

joker@joker-virtual-machine:~$
```

## 5. 输入(可用TAB补全)

sudo nano /usr/lib/NetworkManager/conf.d/10-globally-managed-devices.conf

6. 注释掉内容



## 7. 输入

sudo systemctl restart NetworkManager

8. 查看ip

ip a

9. 更新

sudo apt update

10. 安装ssh

11. 查看ip

ip a

# B系统基础测试(关机后进入A系统才能得100分,在字符界面安装)

1. 安装zsh和git

sudo apt install zsh git

2. 安装zsh环境

wget http://web.tecxz.com:7080/file/zsh/install.sh

3. 运行zsh

sh install.sh

```
joker@joker-virtual-machine:~$ sh install.sh
remote: Enumerating objects: 2957, done.
remote: Counting objects: 100% (2957/2957), done.
remote: Compressing objects: 100% (2326/2326), done.
remote: Total 2957 (delta 924), reused 2123 (delta 508), pack-reused 0
Receiving objects: 100% (2957/2957), 1.47 MiB | 462.00 KiB/s, done.
Resolving deltas: 100% (924/924), done.
From https://gitee.com/mirrors/oh-my-zsh

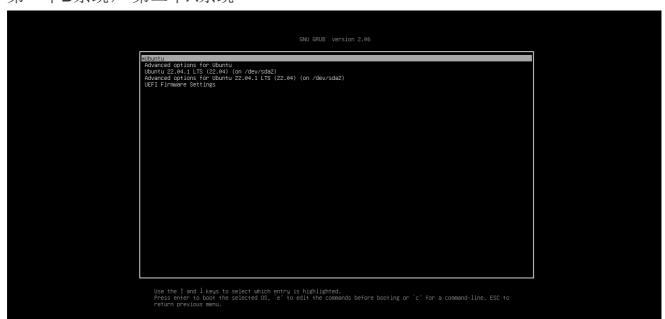
* [new branch] af-magic-resizable-separator -> origin/af-magic-re

* [new branch] code-of-conduct -> origin/code-of-conduct -> origin/code-of-condu
                                                                      af-magic-resizable-separator -> origin/af-magic-resizable-separator
           [new branch]
                                                                      code-of-conduct
                                                                                                                                                                      -> origin/code-of-conduct
                                                                      colorize/fix-installed-check -> origin/colorize/fix-installed-check
            [new branch]
                                                                                                                                                                      -> origin/master
            [new branch]
                                                                      master
            [new branch]
                                                                      ohmyzsh/pull-9005
                                                                                                                                                                      -> origin/ohmyzsh/pull-9005
            [new branch]
                                                                      remove–bwana–plugin
                                                                                                                                                                      -> origin/remove-bwana-plugin
                                                                      rename–kubectl–alias
                                                                                                                                                                      -> origin/rename-kubectl-alias
            [new branch]
            [new branch]
                                                                       revert-6309-ssh
                                                                                                                                                                      -> origin/revert-6309-ssh
 * [new branch] robbyrussell-omz-shop-links -> origin/robbyrussell-omz-shop-links
Branch 'master' set up to track remote branch 'master' from 'origin'.
Already on 'master'
  /home/joker
Looking for an existing zsh config... Using the Oh My Zsh template file and adding it to ^{\sim}/.zshrc.
 Time to change your default shell to zsh:
Do you want to change your default shell to zsh? [Y/n] y
Changing your shell to /usr/bin/zsh...
[sudo] password for joker:
 Before you scream Oh My Zsh! look over the `.zshrc` file to select plugins, themes, and options.

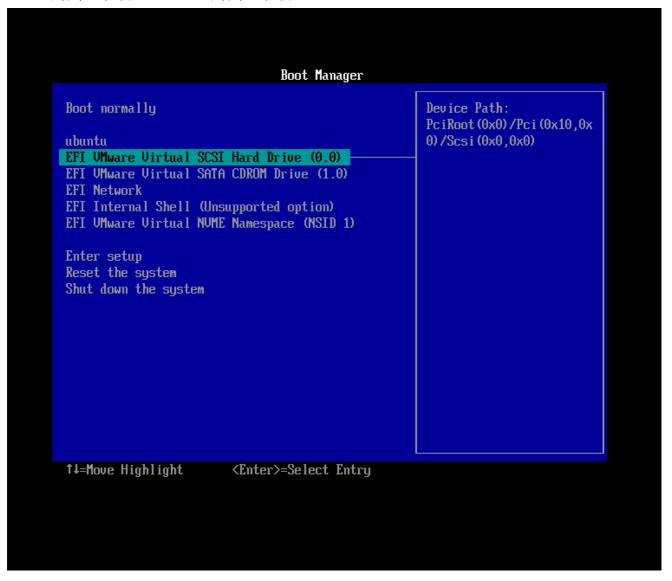
    Follow us on Twitter: https://twitter.com/ohmyzsh
    Join our Discord community: https://discord.gg/ohmyzsh
    Get stickers, t-shirts, coffee mugs and more: https://shop.planetargon.com/collections/oh-my-zsh
```

## 系统的进入方法(开机时狂点ESC键)

第一个B系统, 第二个A系统



• SCSI的为A系统, NUME的为B系统



# B系统安装图形化界面(考试不考)

1. 下载安装图形化界面的app

sudo apt install tasksel

2. 进入tasksel

## tasksel

- 3. 选择第二个
- 4. 下载失败

sudo apt update sudo apt upgrade

## 搜狗输入法安装

- 1. 去搜狗官网下载linux版x86版本的输入法
- 2. 切换至downloads目录下

切换至downloads目录下

3. 安装输入法

sudo dpkg -i sogoupinyin 4.0.1.2800 x86 64.deb

4. 提示缺失一些安装包,给它补上

sudo apt install -f

5. 再次执行安装命令

sudo dpkg -i sogoupinyin\_4.0.1.2800\_x86\_64.deb

6. 卸载原有输入法

sudo apt remove --purge ibus

7. 安装俩个依赖包

sudo apt install libqt5qml5 libqt5quick5 libqt5quickwidgets5 qml-module-qtquick2 sudo apt install libgsettings-qt1

8. 重启虚拟机

登入界面右下角改一下

## Samba测试

1. 下载Samba

sudo apt install Samba

2. 检测是否下载成功

systemctl status smbd.service

```
systemctl status smbd.service
 smbd.service - Samba SMB Daemon
     Loaded: loaded (/lib/systemd/system/smbd.service; enabled; vendor preset: enabled)
    Active: active (running) since Mon 2023-03-20 20:27:04 CST; 38s ago
      Docs: man:smbd(8)
             man:samba(7)
            man:smb.conf(5)
    Process: 12460 ExecStartPre=/usr/share/samba/update-apparmor-samba-profile (code=exited, status=0/SUCCESS)
  Main PID: 12469 (smbd)
    Status: "smbd: ready to serve connections..."
     Tasks: 4 (limit: 9403)
    Memory: 16.0M
       CPU: 91ms
    CGroup: /system.slice/smbd.service
             —12469 /usr/sbin/smbd --foreground --no-process-group
             12471 /usr/sbin/smbd --foreground --no-process-group
              -12472 /usr/sbin/smbd --foreground --no-process-group
             L12473 /usr/lib/x86_64-linux-gnu/samba/samba-bgqd --ready-signal-fd=45 --parent-watch-fd=11 --debuglevel=0
3月 20 20:27:04 mechrev systemd[1]: Starting Samba SMB Daemon...
3月 20 20:27:04 mechrev update-apparmor-samba-profile[12463]: grep: /etc/apparmor.d/samba/smbd-shares: 没有那个文件或目录
3月 20 20:27:04 mechrev update-apparmor-samba-profile[12466]: diff: /etc/apparmor.d/samba/smbd-shares: 没有那个文件或目录
3月 20 20:27:04 mechrev systemd[1]: Started Samba SMB Daemon.
```

3. 创建Samba账号,用户名为share

sudo useradd

4. 将系统普通账号添加到samba 用户中

sudo smbpasswd -a share

5. 在根目录下创建data

sudo mkdir /data

6. 更改权限

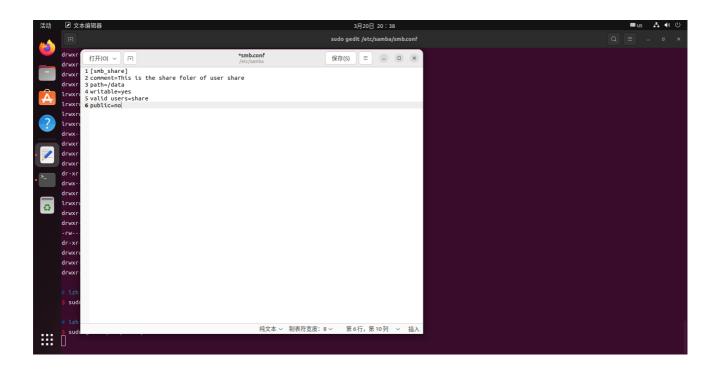
sudo chown share:share /data

7. 打开编辑器

sudo gedit /etc/samba/smb.conf

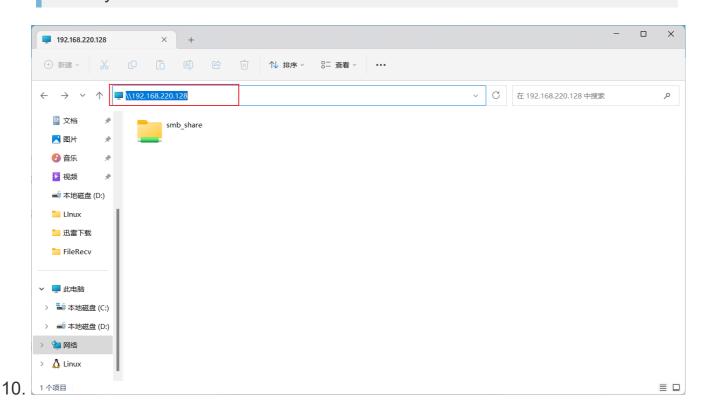
8. 将里面所有内容更改为http://web.tecxz.com:7080/file/smb.conf

[smb\_share] comment=This is the share foler of user share path=/data writable=yes valid users=share public=no



9. 重启文件

sudo systemctl restart smbd.service



- 11. 输入Samba用户名密码, 随便放入一个文件
- 12. linux终端中输入II /data, 检测是否放入成功

# WPS下载

1. 先去官网下载WPS安装包,安装WPS

## sudo dpkg -i WPS安装包名

- 2. 安装完后右下角有WPS软件图标, 鼠标右键允许运行
- 3. 虚拟机浏览器中搜索http://web.tecxz.com:7080/ubuntu/, 下载wps-fonts.zip文件
- 4. 解压wps-fonts.zip文件

unzip wps-fonts.zip

5. 移动文件

sudo mv wps-fonts-master/wps/\* /usr/share/fonts/wps-office/

6. 更新

fc-cache -fv

7. 再次打开WPS文档,成功则不会显示字体缺失

# xrdp测试

1. 下载srdp(远程桌面协议)

sudo apt install xrdp

2. 启动xrdp

sudo systemctl restart xrdp

3. 查看启动状态

sudo systemctl status xrdp

4. 启动开机自启

sudo systemctl enable xrdp

5. 添加xrdp的用户组,赋予用户权限

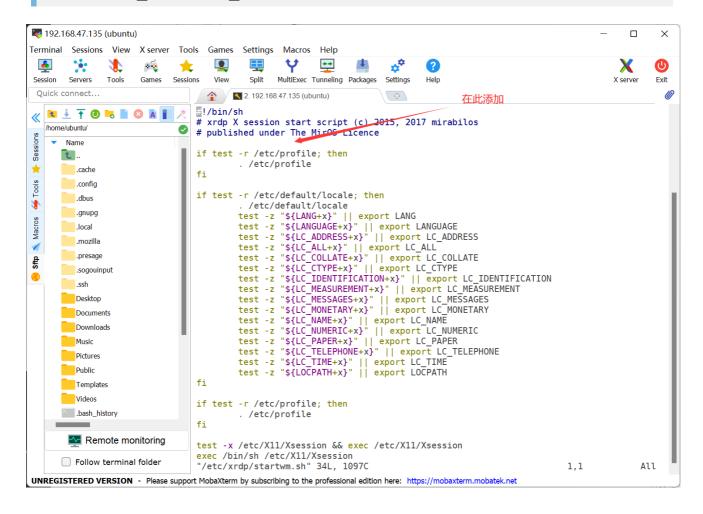
sudo usermod -aG ssl-cert xrdp

6. 编辑startwm.sh文件

sudo gedit /etc/xrdp/startwm.sh

#### Unset DBUS SESSION ADDRESS

#### Unset XDG RUNTIME DIR



7. 将共享文件权限改为所有人

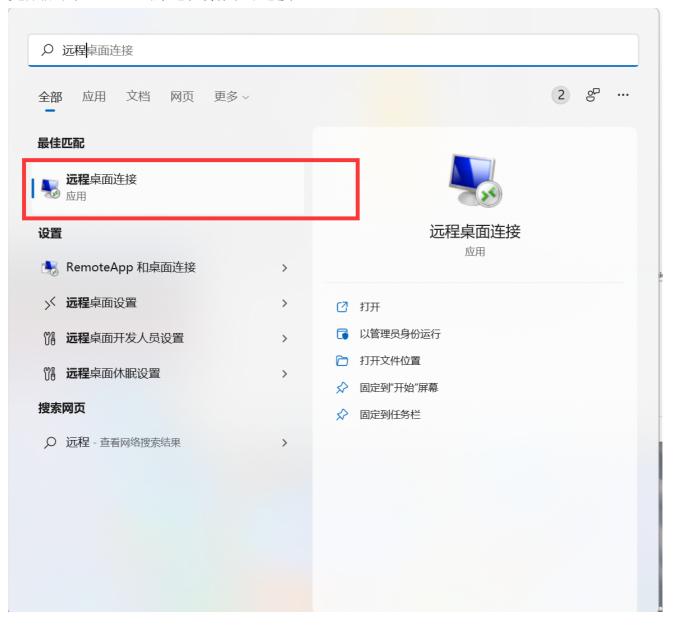
sudo gedit /etc/X11/Xwrapper.config

将allowed\_users=anybody改为allowed\_users=everybody

8. 重新启动虚拟机

sudo reboot

9. 完成后用windows的远程桌面去连接



10. 输入虚拟机ip

