

Linux

安装Debian

访问Debian官网<https://www.debian.org/> 下

载<https://cdimage.debian.org/debian-cd/current/amd64/iso-cd/debian-13.1.0-amd64-netinst.iso>

安装向导 Graphical install

语言环境 Chinese(Simplified)中文(简体)

地区位置 中国

配置键盘 汉语

配置网络 主机名 host 域名 localdomain

设置用户名密码 root 和 user

磁盘分区 向导-使用整个磁盘>将所用文件放在同一分区中>完成分区操作并将修改写入磁盘>是

配置软件包管理器 扫描额外的安装介质-否 > 手动输入 > 仓库镜像站点主机名mirrors.tuna.tsinghua.edu.cn 目录/debian/ 代理 空

是否参与流行度调查 否

软件选择 SSH server 和 标准系统工具

GRUB启动引导器 是

/dev/sda

网络配置

在终端执行命令

#查看网卡，记录eth*网卡

ip addr

#配置网络

vi /etc/network/interfaces

修改interfaces文件内容，设置自动获取IP

source /etc/network/interfaces.d/*

auto lo

```
iface lo inet loopback
```

```
# The primary network interface
```

```
allow-hotplug ens32
```

```
iface ens32 inet dhcp
```

按`esc`键，输入`:wq`退出

查看IP地址

```
ip addr
```

查看DNS

```
cat /etc/resolv.conf
```

shell配置中文环境

中文

```
locale
```

```
su -
```

```
dpkg-reconfigure locales
```

按空格选择

```
[*]zh_CN.utf-8 utf-8
```

tab切换ok

```
zh_CN.utf-8
```

```
cat /root/.profile
```

注释

```
LANG=C
```

```
LANGUAGE=C
```

设置user使用sudo

使用sudo权限时，系统提示“sudo系统提示user 不是 sudoers 文件。”，可以按照以下方法解决

先登入root权限用户，并切换root权限环境

```
su -
```

安装软件包

```
apt update
```

```
apt install sudo
```

查看user是否设置权限

```
cat /etc/sudoers
```

修改

```
vi /etc/sudoers
```

```
user ALL=(ALL:ALL) ALL
```

```
:wq!
```

查看是否添加成功

```
cat /etc/sudoers
```

镜像站点

设置源

在终端输入

```
vi /etc/apt/sources.list
```

添加镜像源，完成后执行更新

```
apt update
```

```
apt upgrade
```

阿里

```
deb https://mirrors.aliyun.com/debian/ trixie main non-free non-free-firmware
deb-src https://mirrors.aliyun.com/debian/ trixie main non-free non-free-firmware
deb https://mirrors.aliyun.com/debian-security/ trixie-security main
deb-src https://mirrors.aliyun.com/debian-security/ trixie-security main
deb https://mirrors.aliyun.com/debian/ trixie-updates main non-free non-free-firmware
deb-src https://mirrors.aliyun.com/debian/ trixie-updates main non-free non-free-firmware
```

```
#deb https://mirrors.aliyun.com/debian/ trixie-backports main non-free
```

华为

```
deb https://mirrors.huaweicloud.com/debian/ bookworm main non-free-firmware
deb https://mirrors.huaweicloud.com/debian-security/ bookworm main non-free-firmware

apt-get install apt-transport-https ca-certificates
apt-get update
```

火山

```
deb http://mirrors.ivolces.com/debian/ bookworm main non-free non-free-firmware contrib
#deb-src http://mirrors.ivolces.com/debian/ bookworm main non-free non-free-firmware contrib
deb http://mirrors.ivolces.com/debian-security/ bookworm-security main
#deb-src http://mirrors.ivolces.com/debian-security/ bookworm-security main
deb http://mirrors.ivolces.com/debian/ bookworm-updates main non-free non-free-firmware contrib
#deb-src http://mirrors.ivolces.com/debian/ bookworm-updates main non-free non-free-firmware contrib
deb http://mirrors.ivolces.com/debian/ bookworm-backports main non-free non-free-firmware contrib
#deb-src http://mirrors.ivolces.com/debian/ bookworm-backports main non-free non-free-firmware contrib
```

清华

访问<https://mirror.tuna.tsinghua.edu.cn/help/debian/>

```
apt install apt-transport-https ca-certificates
```

```
# 默认注释了源码镜像以提高 apt update 速度，如有需要可自行取消注释
deb https://mirrors.tuna.tsinghua.edu.cn/debian/ trixie main contrib non-free non-free-firmware
# deb-src https://mirrors.tuna.tsinghua.edu.cn/debian/ trixie main contrib non-free non-free-firmware

deb https://mirrors.tuna.tsinghua.edu.cn/debian/ trixie-updates main contrib non-free non-free-firmware
# deb-src https://mirrors.tuna.tsinghua.edu.cn/debian/ trixie-updates main contrib non-free non-free-firmware

deb https://mirrors.tuna.tsinghua.edu.cn/debian/ trixie-backports main contrib non-free non-free-firmware
```

```
# deb-src https://mirrors.tuna.tsinghua.edu.cn/debian/ trixie-backports main
contrib non-free non-free-firmware

# 以下安全更新软件源包含了官方源与镜像站配置，如有需要可自行修改注释切换
deb https://security.debian.org/debian-security trixie-security main contrib
non-free non-free-firmware
# deb-src https://security.debian.org/debian-security trixie-security main
contrib non-free non-free-firmware
```

中科大

默认注释了源码镜像以提高 apt update 速度，如有需要可自行取消注释

```
deb https://mirrors.hust.edu.cn/debian bookworm main contrib non-free non-free-firmware

# deb-src https://mirrors.hust.edu.cn/debian bookworm main contrib non-free non-free-firmware

deb https://mirrors.hust.edu.cn/debian bookworm-updates main contrib non-free non-free-firmware

# deb-src https://mirrors.hust.edu.cn/debian bookworm-updates main contrib non-free non-free-
firmware

deb https://mirrors.hust.edu.cn/debian bookworm-backports main contrib non-free non-free-firmware

# deb-src https://mirrors.hust.edu.cn/debian bookworm-backports main contrib non-free non-free-
firmware

deb http://security.debian.org/debian-security bookworm-security main contrib non-free non-free-
firmware

# deb-src http://security.debian.org/debian-security bookworm-security main contrib non-free non-
free-firmware
```

中国科学技术

默认注释了源码仓库，如有需要可自行取消注释

```
deb http://mirrors.ustc.edu.cn/debian bookworm main contrib non-free non-free-firmware

# deb-src http://mirrors.ustc.edu.cn/debian bookworm main contrib non-free non-free-firmware

deb http://mirrors.ustc.edu.cn/debian bookworm-updates main contrib non-free non-free-firmware

# deb-src http://mirrors.ustc.edu.cn/debian bookworm-updates main contrib non-free non-free-
firmware

# backports 软件源，请按需启用

# deb http://mirrors.ustc.edu.cn/debian bookworm-backports main contrib non-free non-free-firmware

# deb-src http://mirrors.ustc.edu.cn/debian bookworm-backports main contrib non-free non-free-
```

firmware

打印机

安装cups打印机服务

```
sudo apt-get install cups cups-client
```

访问 <http://localhost:631/>

```
sudo apt update
```

访问<https://packages.debian.org/bookworm/amd64/libcupsimage2/download>下载

```
sudo apt --fix-broken install  
  
sudo dpkg -i libcupsimage2_2.4.2-3+deb12u8_amd64.deb  
  
apt install libcupsimage2
```

应用商店

星火

访问 <https://www.spark-app.store/>

```
cd ~/Downloads  
sudo apt install ./spark-store-*.deb
```

下载

Extension Manager中下载Dash to Dock

如意玲珑

访问<https://linyaps.org.cn/>

```
echo "deb [trusted=yes]  
https://ci.deepin.com/repo/obs/linglong:/CI:/release/Debian_12/ ." | sudo  
tee /etc/apt/sources.list.d/linglong.list  
  
sudo apt update  
  
sudo apt install linglong-builder linglong-box linglong-bin
```

Wine

安装依赖

```
sudo dpkg --add-architecture i386  
sudo apt-get update
```

```
sudo apt update  
sudo apt install wine32:i386
```

```
sudo apt wine
```

```
sudo apt install winetricks  
winetricks vcrun2022 # 安装 Visual C++ 运行库  
winetricks allfonts corefonts cjkfonts # 安装常用字体，包括中文字体  
winetricks d3dx9 d3dx10 # 安装 DirectX 提升兼容性和游戏性能  
winetricks riched20 riched30 # 渲染奇葩问题
```

浏览器

```
sudo apt install fonts-liberation  
sudo dpkg -i microsoft-edge-stable_138.0.3351.65-1_amd64.deb
```

远程控制

向日葵

```
sudo apt-get install lightdm
```

```
sudo mkdir /media/usb0
```

```
sudo mount -o rw /dev/sdd
```

维护

备份

```
tar -czvf www_backup_$(date +%F).tar.gz -C /var www/
```

压缩

```
sudo apt install unzip
```

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