

前期准备工作

```
1 apt-get update
2
3 apt-get install -y vim wget curl tar zip sudo
```

修改ssh配置文件

```
1 vim /etc/ssh/sshd_config
```

将PermitRootLogin prohibitpassword修改为

PermitRootLogin yes

```
1 # 重启ssh
2 /etc/init.d/ssh restart
```

修改固定ip

```
1 vim /etc/network/interfaces
```

变成如下形式

```
1 # 默认的
2 auto lo
3 iface lo inet loopback
4 allow-hotplug ens35
5 iface ens35 inet dhcp
6 # 修改为
7 iface ens35 inet static
8 address 192.168.50.5
9 netmask 255.255.255.0
10 gateway 192.168.50.3
11 # 要使用ipv6公网访问的话再添加并确保上级路由器开启了dhcpv6
12 iface ens35 inet6 dhcp
```

开启ipv4转发

```
1 vim /etc/sysctl.conf
2
3 # 填写如下内容开启ipv4转发,并关闭ipv6
4 net.ipv4.ip_forward=1
5 net.ipv6.conf.all.disable_ipv6 = 1
6 # 如果你像我一样没有公网ipv4还想顺畅外网访问家中服务,就要把ipv6开启填这个
7 net.ipv4.ip_forward=1
8
9 # 检查
10 sysctl -p
11
12 # 清DNS缓存 (debian12不需要)
13 systemctl restart systemd-resolved.service
```

```
14 # 重启
15 reboot
16 # 检测ip
17 ip addr
```

安装v2raya

安装v2raya本体

添加公钥和软件源

```
1 # 报错的话可以试试逐条复制
2 wget -qO - https://apt.v2raya.org/key/public-key.asc | sudo tee
  /etc/apt/keyrings/v2raya.asc
3
4 echo "deb [signed-by=/etc/apt/keyrings/v2raya.asc] https://apt.v2raya.org/
  v2raya main" | sudo tee /etc/apt/sources.list.d/v2raya.list
5
6 sudo apt update
```

安装

```
1 sudo apt install v2raya v2ray #v2ray内核
2 sudo apt install v2raya xray #xray内核
3 # 启动并设置自启
4 sudo systemctl start v2raya.service
5 # 开机自启
6 sudo systemctl enable v2raya.service
```

安装clash

下载配置文件

```
1 wget -O /tmp/config.yaml '你机房的订阅链接&flag=clash'
2 # 下载Country.mmdb文件(去github上下载最新)
3 wget https://github.com/Dreamacro/maxmind-
  geoip/releases/latest/download/Country.mmdb
4 # 下载yacd面板(去github上找最新)
5 wget https://github.com/haishanh/yacd/releases/download/v0.3.8/yacd.tar.xz
```

解压并移动到指定目录

```
1 tar -xf yacd.tar.xz
2 mkdir /etc/clash
3 mv public /etc/clash/yacd
```

下载clash premium

```
1 wget https://github.com/Dreamacro/clash/releases/download/premium/clash-linux-  
amd64-2023.08.17.gz  
2 gzip -d clash-linux-amd64-2023.08.17.gz
```

移动文件到指定目录

```
1 mv clash-linux-amd64-2023.08.17 /usr/local/bin/clash  
2 mkdir /etc/clash  
3 mv config.yaml /etc/clash/  
4 mv Country.mmdb /etc/clash/  
5 # 赋予执行权限  
6 chmod +x /usr/local/bin/clash
```

安装进系统服务

```
1 vim /etc/systemd/system/clash.service  
2  
3 #开始  
4 [Unit]  
5 Description=Clash daemon, A rule-based proxy in Go.  
6 After=network-online.target  
7  
8 [Service]  
9 Type=simple  
10 Restart=always  
11 ExecStart=/usr/local/bin/clash -d /etc/clash  
12  
13 [Install]  
14 WantedBy=multi-user.target
```

重新加载

```
1 systemctl daemon-reload  
2 # 将系统DNS服务器指定为本地的IP192.168.234.3  
3 vim /etc/resolved.conf  
4 systemctl start clash  
5 # 开机自启  
6 systemctl enable clash  
7 # 如果失败就不要用V3指令集的了
```

自动更新订阅文件

配合shell脚本和template.txt文件使用

安装mosdns

下载

```
1 # 报错的话可以试试把梯子关了  
2 wget https://github.com/IrineSistiana/mosdns/releases/download/v5.1.3/mosdns-  
linux-amd64.zip
```

创建所需目录

```
1 mkdir /etc/mosdns
2 mkdir /var/mosdns
3 touch /var/disable-ads.txt
```

确保53端口没有被占用

```
1 lsof -i :53
2 # 根据你占用53端口的进程名字来修改stop后面的参数
3 systemctl stop systemd-resolved.service
4 # 别忘了移除开机自启
5 systemctl disable systemd-resolved.service
6 # 检查一下
7 lsof -i :53
```

安装

```
1 # 解压
2 unzip -o -d mosdns mosdns-xxx-xxx.zip
3 # 把mosdns软件移到绝对工作目录
4 mv /root/mosdns/mosdns /usr/bin/
5 chmod +x /usr/bin/mosdns
```

记得上传配置文件!

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重要的事说三遍

想开机自启的话执行以下命令

```
1 # mosdns service install -d 工作目录绝对路径 -c 配置文件路径
2 mv ./etc/* /etc
3 mv ./var/* /var
4 mosdns service install -d /usr/bin -c /etc/mosdns/config.yaml
5 # 启动mosdns
6 mosdns service start
7
8 # 检查状态
9 systemctl status mosdns.service
```

安装adguardhome

```
1 # 下载AdGuardHome到本机,三选一都是安装脚本,能用就行
2 curl -s -S -L
  https://raw.githubusercontent.com/AdguardTeam/AdGuardHome/master/scripts/install.sh | sh -s -- -v
3
```

```
4  wget --no-verbose -O -  
    https://raw.githubusercontent.com/AdguardTeam/AdGuardHome/master/scripts/install.sh | sh -s -- -v  
5  
6  fetch -o -  
    https://raw.githubusercontent.com/AdguardTeam/AdGuardHome/master/scripts/install.sh | sh -s -- -v  
7  
8  # 启动  
9  systemctl start AdGuardHome  
10  
11 # 状态  
12 systemctl status AdGuardHome  
13  
14 # 开机自启  
15 systemctl enable AdGuardHome  
16  
17 # 重启  
18 systemctl restart AdGuardHome  
19  
20 # 停止  
21 systemctl stop AdGuardHome
```

收尾

```
1  vim /etc/resolv.conf  
2  
3  # 将dns服务器设置为旁路由ip  
4  nameserver 192.168.50.5  
5  
6  # 编辑cron  
7  vim /etc/crontab  
8  
9  # 填添加  
10 30 4 * * * root /etc/mycron/mosdns_update.sh  
11 35 4 * * * root /etc/mycron/clash_update.sh
```