

事项清单:

项目	完成进度
ubuntu server连接网络 - 桥接模式	√
ubuntu配置静态ip	√
ubuntu连接vscode	√

ubuntu server 配置网络

1. 可以ping 通物理机 但是无法ping 通www.baidu.com:

其中物理机的网络: [control panel --> network --> network view]
物理机: 192.168.56.1 192.168.50.1
vmnet8: 设置了NAT模式: 192.168.14.2 -- 物理机: 192.168.14.1
vmnet1: 设置了仅主机模式: 192.168.13.2 -- 物理机: 192.168.13.1
还有一个默认的网关: 172.18.112.1

参考解决办法: <https://blog.csdn.net/booklijian/article/details/116491288>

ubuntu 设置静态ip

设置静态ip时候经常发生错误,后面查看了,查看了下本机的route -n:

```
/netplan# route -n
iping table
  Gateway         Genmask          Flags Metric Ref    Use Iface
  172.18.112.1     0.0.0.0          UG        100    0      0 ens33
  0.0.0.0         255.255.0.0      U          0      0      0 docker0
  0.0.0.0         255.255.240.0    U        100    0      0 ens33
  0.0.0.0         255.255.255.255 UH        100    0      0 ens33
```

也就是说, 172.10.112.的网关就是网桥模式的默认网关,而不是192.168.56.1和192.168.50.1之类的

另外子网掩码的长度也不是24,而是20

```
root@root:/etc/netplan# ifconfig -a
docker0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    inet 172.17.0.1 netmask 255.255.0.0 broadcast 172.17.255.255
    ether 02:42:b2:00:0f:88 txqueuelen 0 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 172.18.119.113 netmask 255.255.240.0 broadcast 172.18.127.255
    inet6 fe80::20c:29ff:fee5:9885 prefixlen 64 scopeid 0x20<link>
    ether 00:0c:29:e5:98:85 txqueuelen 1000 (Ethernet)
    RX packets 3342 bytes 2955029 (2.9 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 3183 bytes 249201 (249.2 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 428461 bytes 124080850 (124.0 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 428461 bytes 124080850 (124.0 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

root@root:/etc/netplan# ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever
2: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
    link/ether 00:0c:29:e5:98:85 brd ff:ff:ff:ff:ff:ff
    altname enp2s1
    inet 172.18.119.113/20 metric 100 brd 172.18.127.255 scope global dynamic ens33
        valid_lft 85494sec preferred_lft 85494sec
    inet6 fe80::20c:29ff:fee5:9885/64 scope link
        valid_lft forever preferred_lft forever
3: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default
    link/ether 02:42:b2:00:0f:88 brd ff:ff:ff:ff:ff:ff
    inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0
        valid_lft forever preferred_lft forever
```

于是最终配置完成了:

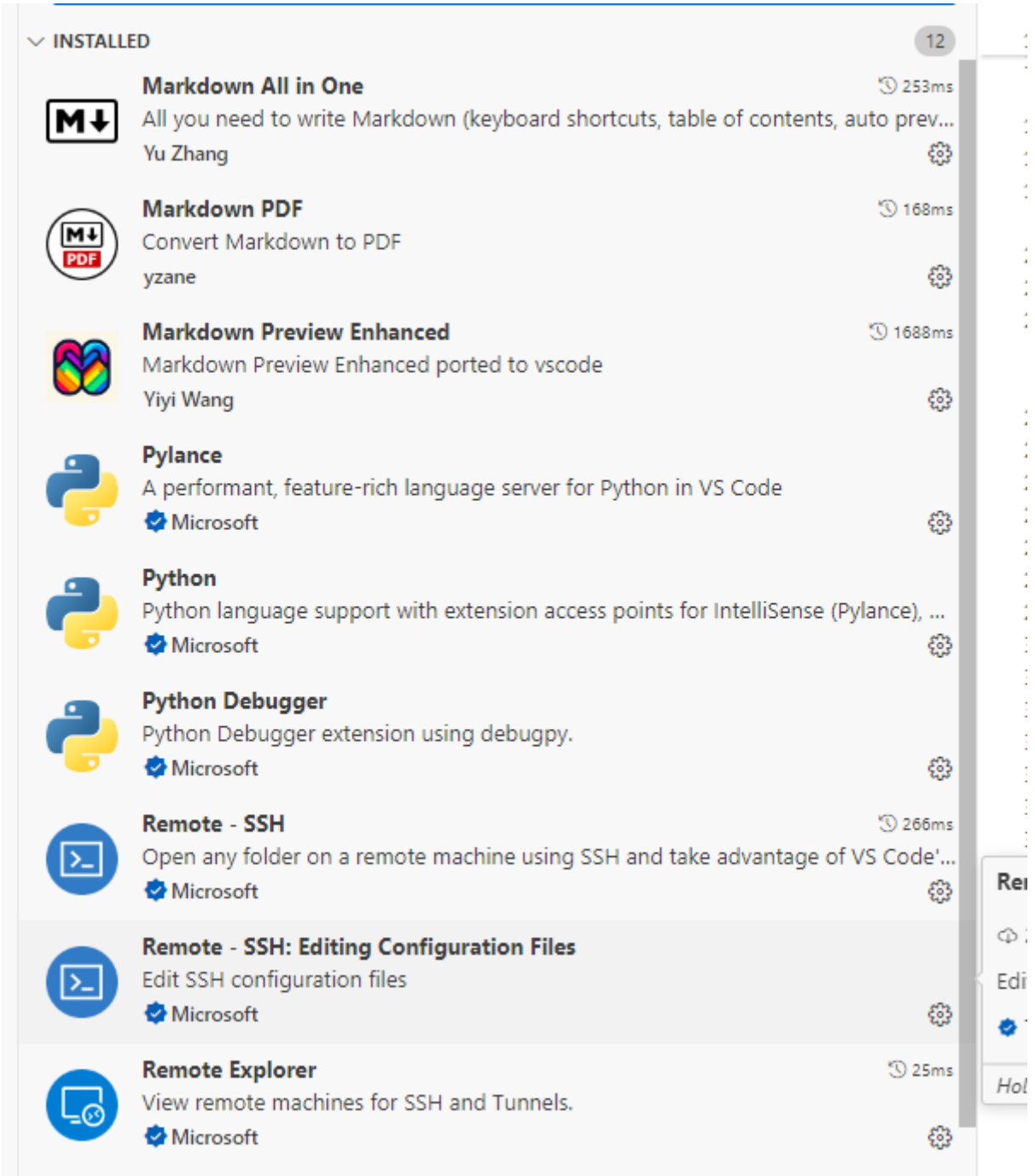
```
root@root:/etc/netplan# cat 50-cloud-init.yaml
# This file is generated from information provided by the datasource. Changes
# to it will not persist across an instance reboot. To disable cloud-init's
# network configuration capabilities, write a file
# /etc/cloud/cloud.cfg.d/99-disable-network-config.cfg with the following:
# network: {config: disabled}
network:
  ethernets:
    ens33:
      dhcp4: false
      addresses: [172.18.112.113/20]
      routes:
        - to: default
          via: 172.18.112.1
  version: 2
```

ping baidu成功

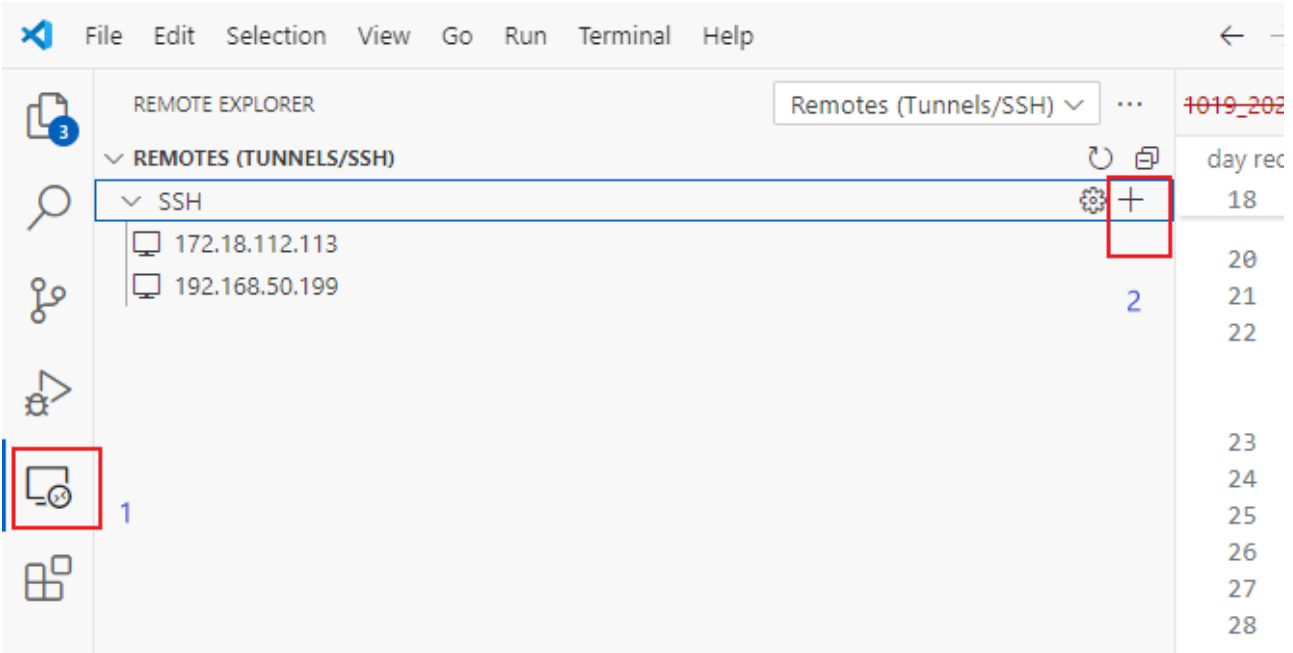
ubuntu连接vscode

这个比较简单, 大概记录下流程:

- 1. 物理机下载安装最新版vscode
- 2. vscode下载以下插件: (remote ssh)



• 3.远程连接



按照提示走就行