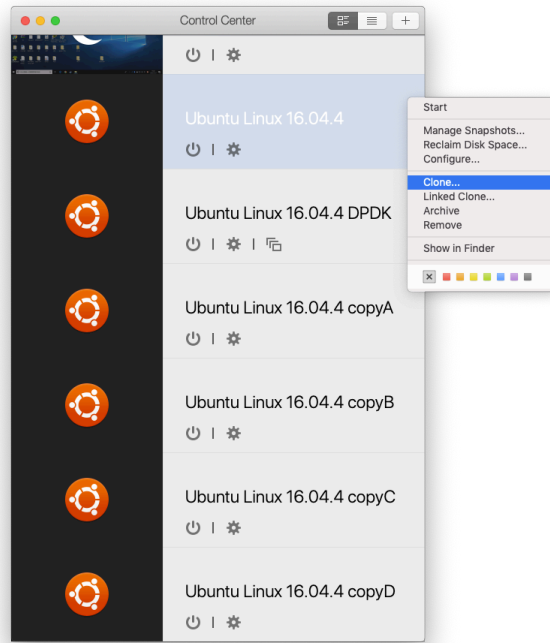
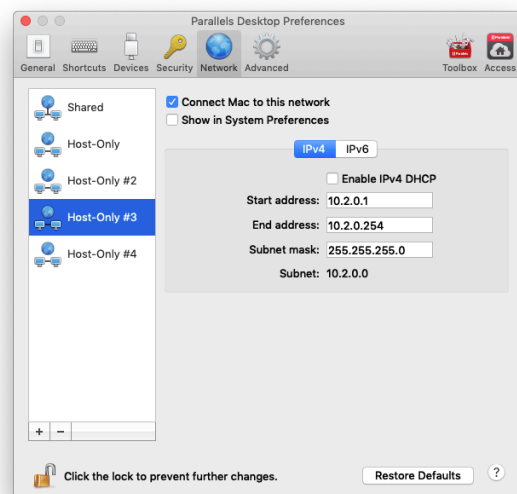
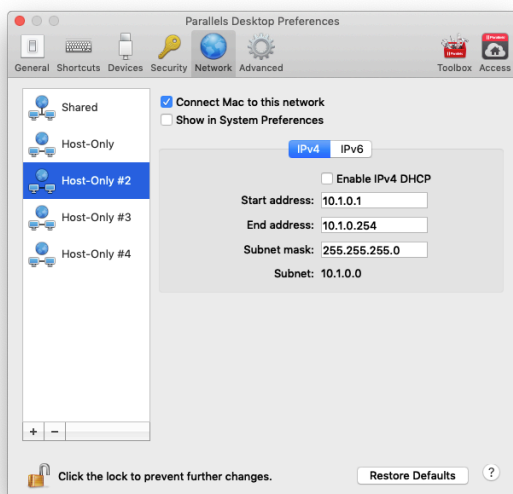


Setup Doc of Parallels Desktop on MacOS

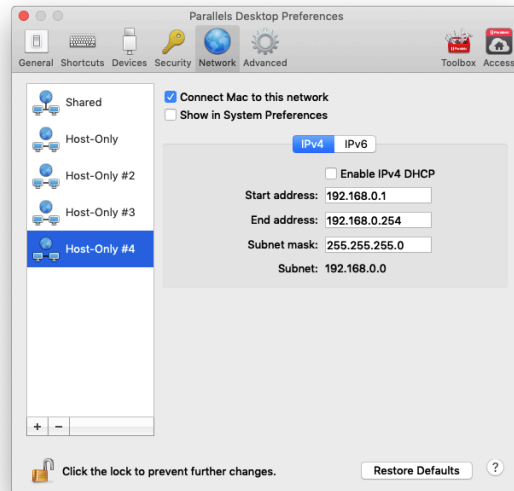
提前用 apt 安装好 strongswan-starter，之后右键 Clone 虚拟机



在 Parallels Desktop / Preferences / Network 中新建三个 Host-Only 网络
前两个是两组内网子网

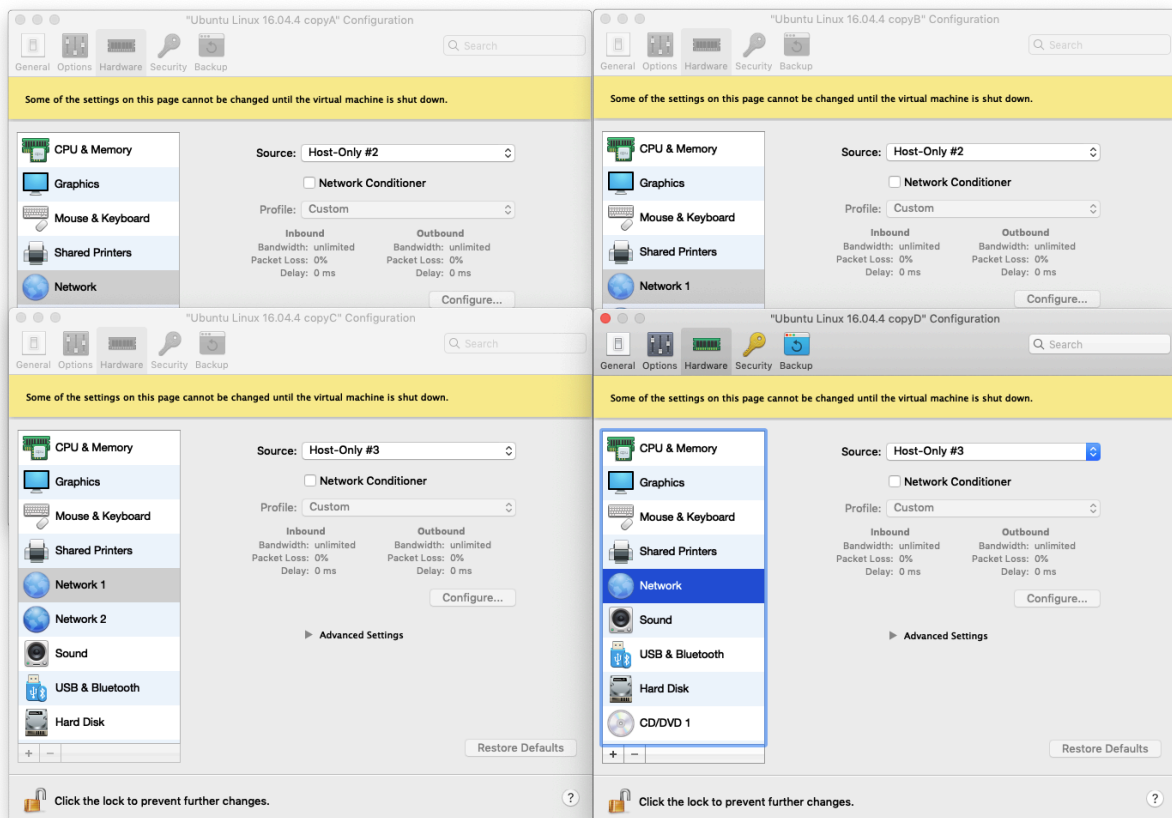


第三个是 B、C 机器通信的网络

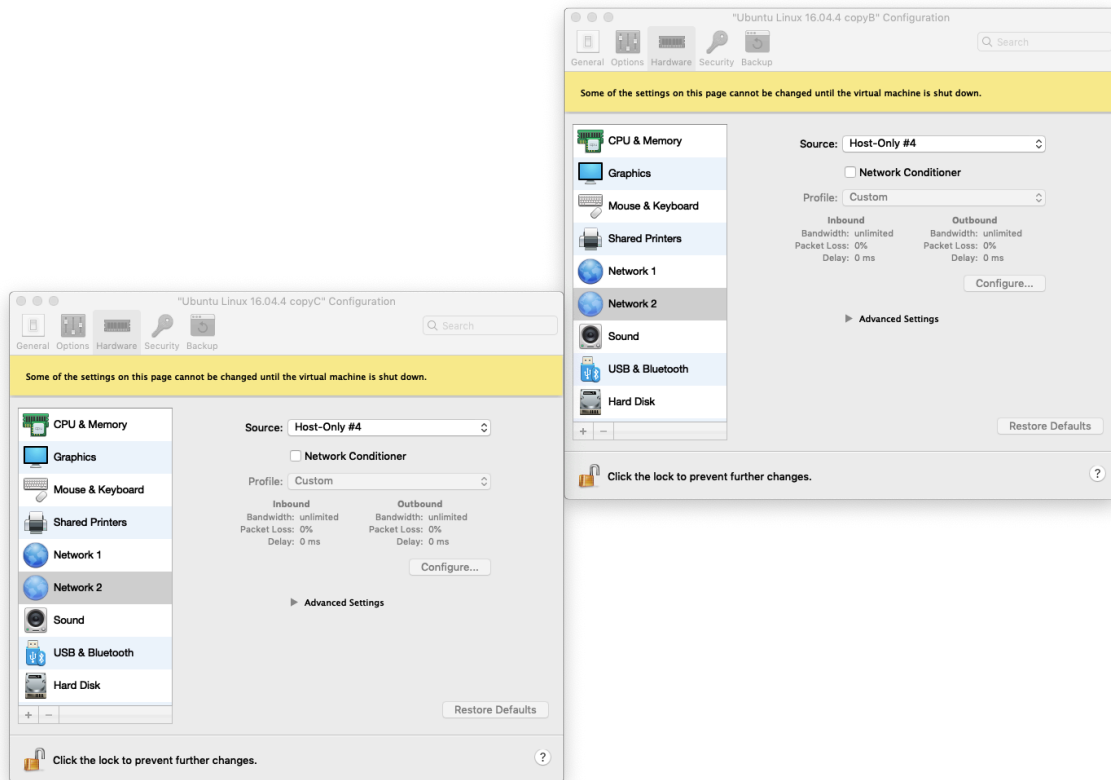


A、B 机器 Network 接入 Host-Only #2

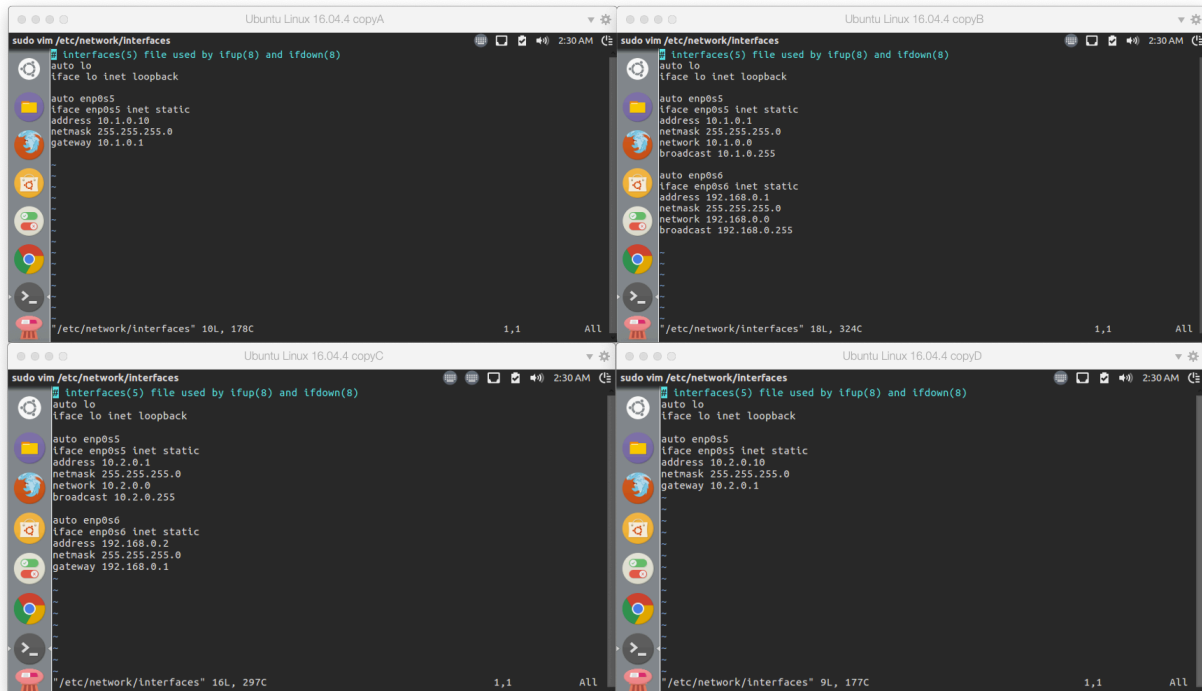
C、D 机器 Network 接入 Host-Only #3



B、C 机器新建分别新建一个网络 Network 2，接入 Host-Only #4



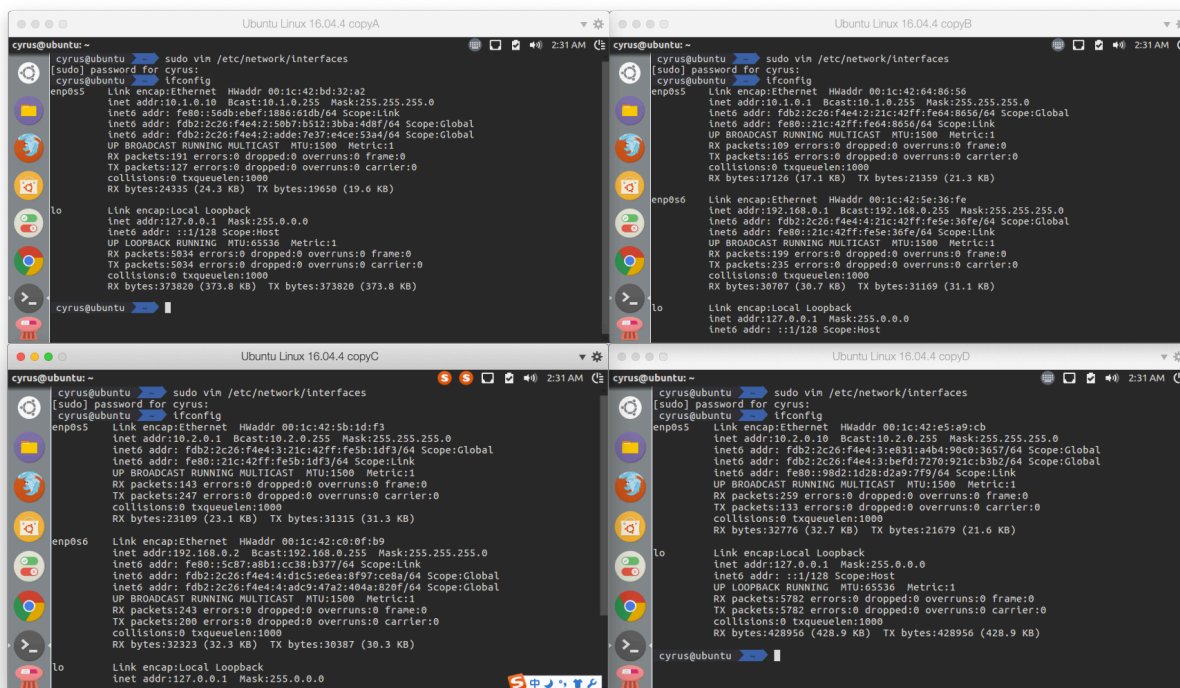
四台机器分别使用 `sudo vim /etc/network/interfaces` 进行如下图配置，网卡名称为 PD 默认的名称，如果修改过提前用 `ifconfig` 确认



修改后使用 `sudo /etc/init.d/networking restart` 重启，正常情况下会显示：

[ok] Restarting networking (via systemctl): networking.service.

完成后查看四台机器的 IP 地址



```
cyrus@ubuntu:~$ sudo ifconfig
[sudo] password for cyrus:
cyrus@ubuntu:~$ ifconfig
enp0s5:  Link encap:Ethernet  HWaddr 00:1c:42:bd:32:a2
          inet addr:10.1.0.10  Bcast:10.1.0.255  Mask:255.255.255.0
          inet6 addr: fe80::56db:ebef:188a:61db/64 Scope:Link
          inet6 addr: fdb2:2c26:f4e4:2:50b7:1512:30ba:40f/64 Scope:Global
          inet6 addr: fdb2:2c26:f4e4:2:adde:7e37:e4ce:53a4/64 Scope:Global
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:191 errors:0 dropped:0 overruns:0 frame:0
          TX packets:127 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:24335 (24.3 KB)  TX bytes:19650 (19.6 KB)

          Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:65536  Metric:1
          RX packets:5034 errors:0 dropped:0 overruns:0 frame:0
          TX packets:5034 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:373020 (373.0 KB)  TX bytes:373020 (373.0 KB)

cyrus@ubuntu:~$
```

```
cyrus@ubuntu:~$ sudo ifconfig
[sudo] password for cyrus:
cyrus@ubuntu:~$ ifconfig
enp0s5:  Link encap:Ethernet  HWaddr 00:1c:42:64:86:56
          inet addr:10.1.0.1  Bcast:10.1.0.255  Mask:255.255.255.0
          inet6 addr: fdb2:2c26:f4e4:2:21c:42ff:fe4:b056/64 Scope:Global
          inet6 addr: fe80::21c:42ff:fe4:b056/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:109 errors:0 dropped:0 overruns:0 frame:0
          TX packets:105 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:17126 (17.1 KB)  TX bytes:21359 (21.3 KB)

          Link encap:Ethernet  HWaddr 00:1c:42:5e:36:fe
          inet addr:192.168.0.1  Bcast:192.168.0.255  Mask:255.255.255.0
          inet6 addr: fdb2:2c26:f4e4:4:21c:42ff:fe5e:36fe/64 Scope:Global
          inet6 addr: fe80::21c:42ff:fe5e:36fe/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:199 errors:0 dropped:0 overruns:0 frame:0
          TX packets:235 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:30707 (30.7 KB)  TX bytes:31169 (31.1 KB)

          Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host

cyrus@ubuntu:~$
```

```
cyrus@ubuntu:~$ sudo ifconfig
[sudo] password for cyrus:
cyrus@ubuntu:~$ ifconfig
enp0s5:  Link encap:Ethernet  HWaddr 00:1c:42:5b:1d:f3
          inet addr:10.2.0.1  Bcast:10.2.0.255  Mask:255.255.255.0
          inet6 addr: fdb2:2c26:f4e4:3:21c:42ff:fe5b:1df3/64 Scope:Global
          inet6 addr: fe80::21c:42ff:fe5b:1df3/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:143 errors:0 dropped:0 overruns:0 frame:0
          TX packets:247 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:23109 (23.1 KB)  TX bytes:31315 (31.3 KB)

          Link encap:Ethernet  HWaddr 00:1c:42:c0:0f:b9
          inet addr:192.168.0.2  Bcast:192.168.0.255  Mask:255.255.255.0
          inet6 addr: fe80::5c87:a8b1:cc38:b377/64 Scope:Link
          inet6 addr: fdb2:2c26:f4e4:4:d1c5:e0ea:8f97:ce8a/64 Scope:Global
          inet6 addr: fdb2:2c26:f4e4:4:edc9:47a2:404a:020f/64 Scope:Global
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:243 errors:0 dropped:0 overruns:0 frame:0
          TX packets:200 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:32323 (32.3 KB)  TX bytes:30387 (30.3 KB)

          Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0

cyrus@ubuntu:~$
```

```
cyrus@ubuntu:~$ sudo ifconfig
[sudo] password for cyrus:
cyrus@ubuntu:~$ ifconfig
enp0s5:  Link encap:Ethernet  HWaddr 00:1c:42:e5:a9:cb
          inet addr:10.2.0.10  Bcast:10.2.0.255  Mask:255.255.255.0
          inet6 addr: fdb2:2c26:f4e4:3:e831:a4b4:90c0:3657/64 Scope:Global
          inet6 addr: fdb2:2c26:f4e4:3:bef4:7270:921c:b3b2/64 Scope:Global
          inet6 addr: fe80::98d2:1d28:d2a9:77f9/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:259 errors:0 dropped:0 overruns:0 frame:0
          TX packets:133 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:32776 (32.7 KB)  TX bytes:21679 (21.6 KB)

          Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          UP LOOPBACK RUNNING  MTU:65536  Metric:1
          RX packets:5782 errors:0 dropped:0 overruns:0 frame:0
          TX packets:5782 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:428950 (428.9 KB)  TX bytes:428950 (428.9 KB)

cyrus@ubuntu:~$
```

与需要的实验内容相同即配置完成