

## Assignment 14

*Understood. To follow the provided instructions and create the files/directory using the same name and case as provided in the task steps, please provide me with the specific names and case instructions for the files/directory you want to create.*

## Explore Nginx server port forwarding

### Instructions

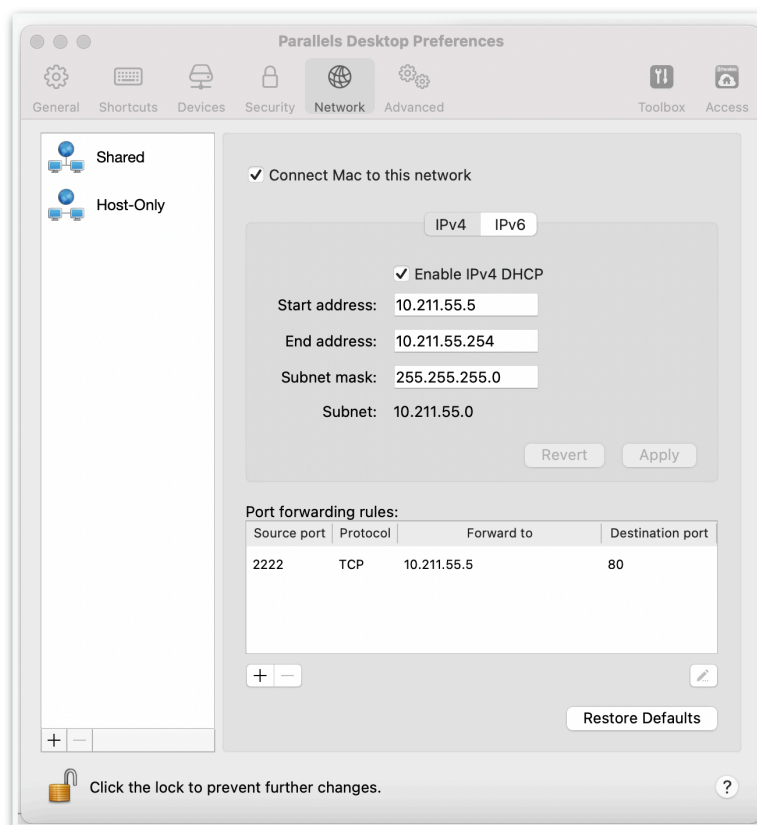
- 1) Configure the Nginx server as per the port number provided for you
- 2) Make the IP static and do port forwarding
- 3) Access your server from outside.

- 1) Change the port

I was using parallel desktop not virtual box the steps are below represented .

<https://kb.parallels.com/en/124718>

- **Source Port:** The port on your host machine from which you want to forward traffic.
- **Destination IP:** The IP address of the virtual machine.
- **Destination Port:** The port on the virtual machine to which you want to forward traffic.



## 2) Start the service

```
[lusy@localhost ~]$ sudo systemctl start nginx
[lusy@localhost ~]$ sudo systemctl status nginx
• nginx.service - The nginx HTTP and reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: disabled)
   Active: active (running) since Sat 2023-08-12 09:45:47 IST; 22min ago
     Main PID: 1624 (nginx)
        Tasks: 3 (limit: 10677)
       Memory: 4.5M
          CPU: 24ms
      CGroup: /system.slice/nginx.service
              └─1624 "nginx: master process /usr/sbin/nginx"
                └─1625 "nginx: worker process"
                  └─1626 "nginx: worker process"

Aug 12 09:45:47 localhost.localdomain systemd[1]: Starting The nginx HTTP and reverse proxy server...
Aug 12 09:45:47 localhost.localdomain nginx[1622]: nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
Aug 12 09:45:47 localhost.localdomain nginx[1622]: nginx: configuration file /etc/nginx/nginx.conf test is successful
Aug 12 09:45:47 localhost.localdomain systemd[1]: Started The nginx HTTP and reverse proxy server.
[lusy@localhost ~]$ sudo firewall-cmd --permanent --zone=public --add-service=http
```

## 4) Go to outer page and launch the it using static page

