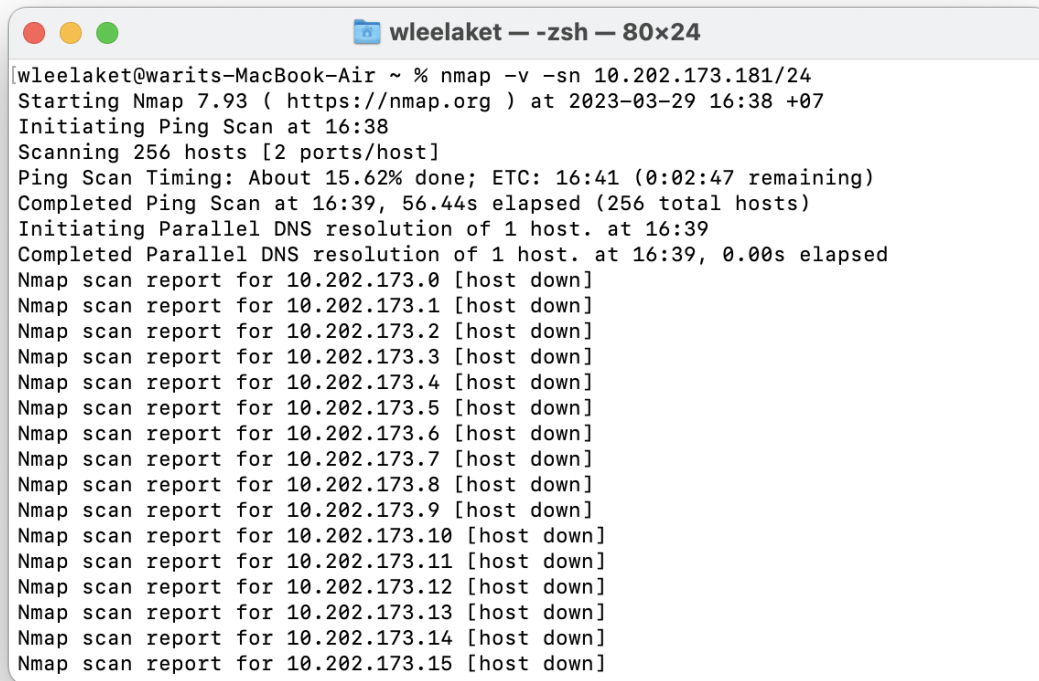


1.



```
wleelaket@warits-MacBook-Air ~ % nmap -v -sn 10.202.173.181/24
Starting Nmap 7.93 ( https://nmap.org ) at 2023-03-29 16:38 +07
Initiating Ping Scan at 16:38
Scanning 256 hosts [2 ports/host]
Ping Scan Timing: About 15.62% done; ETC: 16:41 (0:02:47 remaining)
Completed Ping Scan at 16:39, 56.44s elapsed (256 total hosts)
Initiating Parallel DNS resolution of 1 host. at 16:39
Completed Parallel DNS resolution of 1 host. at 16:39, 0.00s elapsed
Nmap scan report for 10.202.173.0 [host down]
Nmap scan report for 10.202.173.1 [host down]
Nmap scan report for 10.202.173.2 [host down]
Nmap scan report for 10.202.173.3 [host down]
Nmap scan report for 10.202.173.4 [host down]
Nmap scan report for 10.202.173.5 [host down]
Nmap scan report for 10.202.173.6 [host down]
Nmap scan report for 10.202.173.7 [host down]
Nmap scan report for 10.202.173.8 [host down]
Nmap scan report for 10.202.173.9 [host down]
Nmap scan report for 10.202.173.10 [host down]
Nmap scan report for 10.202.173.11 [host down]
Nmap scan report for 10.202.173.12 [host down]
Nmap scan report for 10.202.173.13 [host down]
Nmap scan report for 10.202.173.14 [host down]
Nmap scan report for 10.202.173.15 [host down]
```

2. First one is Macbook, and the second is iPhone.

```
wleelaket@warits-MacBook-Air ~ % nmap -v --osscan-guess 10.207.41.6
Starting Nmap 7.93 ( https://nmap.org ) at 2023-03-29 16:44 +07
Initiating Ping Scan at 16:44
Scanning 10.207.41.6 [2 ports]
Completed Ping Scan at 16:44, 0.00s elapsed (1 total hosts)
Initiating Parallel DNS resolution of 1 host. at 16:44
Completed Parallel DNS resolution of 1 host. at 16:44, 0.00s elapsed
Initiating Connect Scan at 16:44
Scanning 10.207.41.6 [1000 ports]
Discovered open port 8080/tcp on 10.207.41.6
Discovered open port 3306/tcp on 10.207.41.6
Discovered open port 5000/tcp on 10.207.41.6
Discovered open port 7000/tcp on 10.207.41.6
Discovered open port 7201/tcp on 10.207.41.6
Completed Connect Scan at 16:44, 2.40s elapsed (1000 total ports)
Nmap scan report for 10.207.41.6
Host is up (0.0053s latency).
Not shown: 995 closed tcp ports (conn-refused)
PORT      STATE SERVICE
3306/tcp  open  mysql
5000/tcp  open  upnp
7000/tcp  open  afs3-fileserver
7201/tcp  open  dlip
```

```
wleelaket@warits-MacBook-Air ~ % nmap -v --osscan-guess 10.202.189.123
Starting Nmap 7.93 ( https://nmap.org ) at 2023-04-04 11:19 +07
Initiating Ping Scan at 11:19
Scanning 10.202.189.123 [2 ports]
Completed Ping Scan at 11:19, 3.01s elapsed (1 total hosts)
Nmap scan report for 10.202.189.123 [host down]
Read data files from: /opt/homebrew/bin/./share/nmap
Note: Host seems down. If it is really up, but blocking our ping probes, try -Pn
Nmap done: 1 IP address (0 hosts up) scanned in 3.04 seconds
wleelaket@warits-MacBook-Air ~ % nmap -v --osscan-guess -Pn 10.202.189.123
Host discovery disabled (-Pn). All addresses will be marked 'up' and scan times
may be slower.
Starting Nmap 7.93 ( https://nmap.org ) at 2023-04-04 11:20 +07
Initiating Parallel DNS resolution of 1 host. at 11:20
Completed Parallel DNS resolution of 1 host. at 11:20, 0.01s elapsed
Initiating Connect Scan at 11:20
Scanning 10.202.189.123 [1000 ports]
Completed Connect Scan at 11:20, 2.04s elapsed (1000 total ports)
Nmap scan report for 10.202.189.123
Host is up (0.000015s latency).
All 1000 scanned ports on 10.202.189.123 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)

Read data files from: /opt/homebrew/bin/./share/nmap
Nmap done: 1 IP address (1 host up) scanned in 2.08 seconds
wleelaket@warits-MacBook-Air ~ %
```

3. I use the -p tag to check the port 80 and 443 which is typically the port for http and https. Then, I nmap to Chulalong korn server IP and this is the result.

```
wleelaket@warits-MacBook-Air ~ % nmap -p 80,443 --script=http-title 161.200.192.4/24
Starting Nmap 7.93 ( https://nmap.org ) at 2023-03-29 15:47 +07
Nmap scan report for ns.netserve.chula.ac.th (161.200.192.4)
Host is up (0.0031s latency).

PORT      STATE SERVICE
80/tcp    closed http
443/tcp    closed https

Nmap scan report for mail-gw3.it.chula.ac.th (161.200.192.5)
Host is up (0.0029s latency).

PORT      STATE SERVICE
80/tcp    closed http
443/tcp    open  https
| http-title: Cisco Email Security Appliance C390 (mail-gw...
|_Requested resource was https://mail-gw3.it.chula.ac.th/login?redirects=3

Nmap scan report for mail-gw4.it.chula.ac.th (161.200.192.8)
Host is up (0.0033s latency).

PORT      STATE SERVICE
80/tcp    closed http
```