Using nmap <ip address> command

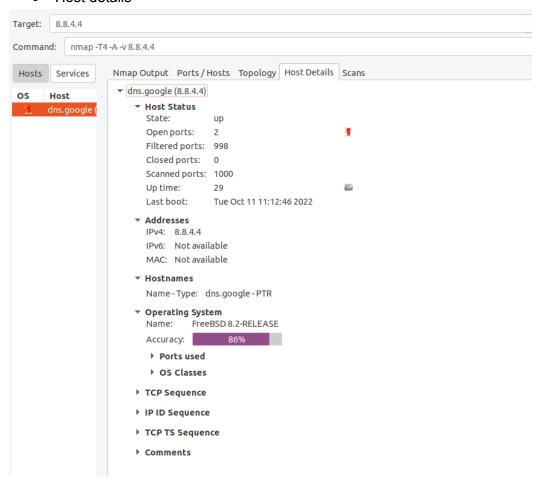
```
ryan@ryan-Inspiron-5402:~$ nmap 8.8.4.4
Starting Nmap 7.80 ( https://nmap.org ) at 2022-10-11 10:48 IST
Nmap scan report for dns.google (8.8.4.4)
Host is up (0.0080s latency).
Not shown: 998 filtered ports
PORT STATE SERVICE
53/tcp open domain
443/tcp open https

Nmap done: 1 IP address (1 host up) scanned in 3.99 seconds
ryan@ryan-Inspiron-5402:~$
```

Nmap Output

```
Scan Tools Profile Help
                                                                                                                                                                                                                                                                                                            ▼ Profile: Intense scan
Target: 8.8.4.4
Command: nmap -T4 -A -v 8.8.4.4
                                                      Nmap Output Ports / Hosts Topology Host Details Scans
Hosts Services
                                                           nmap -T4 -A -v 8.8.4.4
  OS Host
                                                        SF:")%r(FourOhFourRequest,2EC,"HTTP/1\.0\x20302\x20Found\r\nX-Content-Type
                                                        SFi-Options:\x20nosniff\r\nAccess-Control-Allow-Origin:\x20\*\r\nLocation:
SFi:\x20https://dns\.google/nice%20ports%2C/Trinity\.txt\.bak\r\nDate:\x20T
SFi:ue,\x2011\x200ct\x202022\x2005:41:52\x20GMT\r\nContent-Type:\x20text/ht
                                                        $F:ml;\x20charset=UTF-8\r\nServer:\x20HTTP\x20server\x20\(unknown\)\r\nCon
$F:\text{tent-Length:\x20247\r\nX-XSS-Protection:\x200\r\nX-Frame-Options:\x205A
                                                        SF_MEORIGIN\r\nAlt-5vc:\x201a\sq.*:443\";\x20ma=2592000, h3-29\":443\";\x20ma=2592000, h3-29\":443\";\x20ma=2592000, h3-20\":443\";\x20ma=2592000, h3-0050\":443\";\x20ma=2592000, h3-0046\":443\";\x20ma=2592000, h3-0046\":443\";\x20ma=259200\":443\";\x20ma=259200\":443\";\x20ma=259200\":443\";\x20ma=259200\":443\";\x20ma=259200\":443\";\x20ma=2592000\":443\";\x20ma=25920\":443\";\x20ma=25920\":443\";\x20ma=25920
                                                         SF:tent=\"text/html;charset=utf-8\">\n<TITLE>302\x20Moved</TITLE></HEAD><B
SF:0DY>\n<H1>302\x20Moved</H1>\nThe\x20document\x20has\x20moved\n<A\x20HRE</pre>
                                                        SF:F=\"https://dns\.google/nice%20ports%2C/Trinity\.txt\.bak\">here</A>\.
SF:r\n</BODY></HTML>\r\n");
                                                         Warning: OSScan results may be unreliable because we could not find at least 1 open and 1 closed port
Device type: general purpose
                                                         Running (JUST GUESSING): FreeBSD 8.X (86%)
OS CPE: cpe:/o:freebsd:freebsd:8.2
                                                        Aggressive OS guesses: FreeBSD 8.2-RELEASE (86%)
No exact OS matches for host (test conditions non-ideal).
Uptime guess: 0.000 days (since Tue Oct 11 11:12:46 2022)
                                                          Network Distance: 6 hops
                                                          TCP Sequence Prediction: Difficulty=253 (Good luck!)
                                                          IP ID Sequence Generation: All zeros
                                                         TRACEROUTE (using port 53/tcp)
HOP RTT ADDRESS
                                                               50.23 ms www.routerlogin.com (10.0.0.1)
14.49 ms 100.64.0.1
                                                                23.49 ms 103.27.170.11
23.49 ms 108.170.248.177
                                                                47.63 ms 209.85.241.227
23.50 ms dns.google (8.8.4.4)
                                                         NSE: Script Post-scanning.
                                                          Initiating NSE at 11:13
Completed NSE at 11:13, 0.00s elapsed
                                                         Initiating NSE at 11:13
Completed NSE at 11:13, 0.00s elapsed
                                                         Initiating NSE at 11:13
Completed NSE at 11:13, 0.00s elapsed
                                                        Read data files from: /usr/bin/../share/nmap
OS and Service detection performed. Please report any incorrect results at https://nmap.org/submit/.
Nmap done: 1 IP address (1 host up) scanned in 101.14 seconds
Raw packets sent: 2094 (96.444KB) | Rcvd: 36 (2.378KB)
         Filter Hosts
```

Host details



Ports/Hosts

