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kolallen@NIRAWORKPLACE:/$ nmap google.com
Starting Nmap 7.80 ( https://nmap.org ) at 2023-11-08 02:09 IST
Nmap scan report for google.com (142.251.42.46)
Host is up (0.0022s latency).
Other addresses for google.com (not scanned): 2404:6800:4009:82e::200e
rDNS record for 142.251.42.46: bom12s20-in-f14.1e100.net
Not shown: 996 filtered ports
PORT      STATE SERVICE
80/tcp    open  http
113/tcp   closed ident
143/tcp   open  imap
443/tcp   open  https

Nmap done: 1 IP address (1 host up) scanned in 5.00 seconds
```

```
kolallen@NIRAWORKPLACE:/$ nmap 8.8.8.8
Starting Nmap 7.80 ( https://nmap.org ) at 2023-11-08 02:10 IST
Nmap scan report for dns.google (8.8.8.8)
Host is up (0.0022s latency).
Not shown: 996 filtered ports
PORT      STATE SERVICE
80/tcp    open  http
113/tcp   closed ident
143/tcp   open  imap
443/tcp   open  https

Nmap done: 1 IP address (1 host up) scanned in 4.96 seconds
```

```
kolallen@NIRAWORKPLACE:/$ sudo nmap -sL google.com
Starting Nmap 7.80 ( https://nmap.org ) at 2023-11-08 02:14 IST
Nmap scan report for google.com (142.251.42.46)
Other addresses for google.com (not scanned): 2404:6800:4009:830::200e
rDNS record for 142.251.42.46: bom12s20-in-f14.1e100.net
Nmap done: 1 IP address (0 hosts up) scanned in 0.01 seconds
```

```
kolallen@NIRAWORKPLACE:/$ sudo nmap -sS google.com
Starting Nmap 7.80 ( https://nmap.org ) at 2023-11-08 02:15 IST
Nmap scan report for google.com (142.251.42.46)
Host is up (0.0016s latency).
Other addresses for google.com (not scanned): 2404:6800:4009:82e::200e
rDNS record for 142.251.42.46: bom12s20-in-f14.1e100.net
Not shown: 996 filtered ports
PORT      STATE SERVICE
80/tcp    open  http
113/tcp   closed ident
143/tcp    open  imap
443/tcp    open  https

Nmap done: 1 IP address (1 host up) scanned in 5.26 seconds
```

```
kolallen@NIRAWORKPLACE:/$ sudo nmap -O google.com
Starting Nmap 7.80 ( https://nmap.org ) at 2023-11-08 02:21 IST
Nmap scan report for google.com (142.251.42.46)
Host is up (0.0049s latency).
Other addresses for google.com (not scanned): 2404:6800:4009:82e::200e
rDNS record for 142.251.42.46: bom12s20-in-f14.1e100.net
Not shown: 996 filtered ports
PORT      STATE SERVICE
80/tcp    open  http
113/tcp   closed ident
143/tcp    open  imap
443/tcp    open  https
Device type: general purpose|VoIP phone
Running (JUST GUESSING): Linux 3.X|2.6.X|4.X (94%), Grandstream embedded (86%)
OS CPE: cpe:/o:linux:linux_kernel:3 cpe:/o:linux:linux_kernel:2.6 cpe:/o:linux:linux_kernel:4 cpe:/h:grandstream:gxv3275
Aggressive OS guesses: Linux 3.2 - 3.8 (94%), Linux 2.6.32 - 2.6.39 (91%), Linux 2.6.38 (91%), Linux 2.6.32 (88%), Linux 3.11 - 4.1 (88%), Linux 2.6.32 or 3
.10 (87%), Grandstream GXV3275 video phone (86%), Linux 3.6 (86%), Linux 2.6.32 - 2.6.33 (85%), Linux 3.3 (85%)
No exact OS matches for host (test conditions non-ideal).

OS detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 9.17 seconds
```

```
kolallen@NIRAWORKPLACE:/$ sudo nmap -A google.com
Starting Nmap 7.80 ( https://nmap.org ) at 2023-11-08 02:23 IST
Nmap scan report for google.com (142.251.42.46)
Host is up (0.0041s latency).
Other addresses for google.com (not scanned): 2404:6800:4009:82e::200e
rDNS record for 142.251.42.46: bom12s20-in-f14.1e100.net
Not shown: 996 filtered ports
PORT      STATE SERVICE VERSION
80/tcp    open  http   gws

| fingerprint-strings:
|   GetRequest:
|     HTTP/1.1 301 Moved Permanently
|     Location: http://www.google.com/
|     Content-Type: text/html; charset=UTF-8
|     Content-Security-Policy-Report-Only: object-src 'none';base-uri 'self';script-src 'nonce-e1Mx4x0Xw5XZE3zqRUBxqw' 'strict-dynamic' 'report-sample' 'unsafe-eval' 'unsafe-inline' https: http;;report-uri https://csp.withgoogle.com/csp/gws/other-hp
|     Date: Tue, 07 Nov 2023 20:53:17 GMT
|     Expires: Thu, 07 Dec 2023 20:53:17 GMT
|     Cache-Control: public, max-age=2592000
|     Server: gws
|     Content-Length: 219
|     X-XSS-Protection: 0
|     X-Frame-Options: SAMEORIGIN
|     <HTML><HEAD><meta http-equiv="content-type" content="text/html; charset=utf-8">
|     <TITLE>301 Moved</TITLE></HEAD><BODY>
|     <H1>301 Moved</H1>
|     document has moved
|     HREF="http://www.google.com/">here</A>.
|     </BODY></HTML>
|   HTTPOptions:
|     HTTP/1.1 405 Method Not Allowed
|     Allow: GET, HEAD
|     Date: Tue, 07 Nov 2023 20:53:17 GMT
|     Content-Type: text/html; charset=UTF-8
|     Server: gws
```