

```
C:\Users\Aaryan>nmap 8.8.8.8
Starting Nmap 7.95 ( https://nmap.org ) at 2024-10-10 14:04 India Standard Time
Nmap scan report for dns.google (8.8.8.8)
Host is up (0.030s latency).
Not shown: 992 filtered tcp ports (no-response), 5 filtered tcp ports (net-unreach)
PORT      STATE SERVICE
53/tcp    open  domain
443/tcp   open  https
6346/tcp  closed gnutella

Nmap done: 1 IP address (1 host up) scanned in 8.91 seconds
C:\Users\Aaryan>
```

```
C:\Users\Aaryan>nmap -O 8.8.8.8
Starting Nmap 7.95 ( https://nmap.org ) at 2024-10-10 14:10 India Standard Time
Nmap scan report for dns.google (8.8.8.8)
Host is up (0.0070s latency).
Not shown: 994 filtered tcp ports (no-response), 3 filtered tcp ports (net-unreach)
PORT      STATE SERVICE
53/tcp    open  domain
443/tcp   open  https
6346/tcp  closed gnutella
OS fingerprint not ideal because: Didn't receive UDP response. Please try again with -sSU
No OS matches for host

OS detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 10.73 seconds
```

```
C:\Users\Aaryan>nmap -sn 192.168.1.0/24
Starting Nmap 7.95 ( https://nmap.org ) at 2024-10-10 14:11 India Standard Time
Nmap scan report for 192.168.1.145
Host is up (0.026s latency).
Nmap scan report for 192.168.1.255
Host is up (0.011s latency).
Nmap done: 256 IP addresses (2 hosts up) scanned in 32.94 seconds
```

```
C:\Users\Aaryan>nmap -sT 8.8.8.8
Starting Nmap 7.95 ( https://nmap.org ) at 2024-10-10 14:14 India Standard Time
Nmap scan report for dns.google (8.8.8.8)
Host is up (0.027s latency).
Not shown: 998 filtered tcp ports (no-response)
PORT      STATE SERVICE
53/tcp    open  domain
443/tcp   open  https

Nmap done: 1 IP address (1 host up) scanned in 8.43 seconds
C:\Users\Aaryan>
```

```
C:\Users\Aaryan>nmap -sS 8.8.8.8
Starting Nmap 7.95 ( https://nmap.org ) at 2024-10-10 14:14 India Standard Time
Nmap scan report for dns.google (8.8.8.8)
Host is up (0.030s latency).
Not shown: 992 filtered tcp ports (no-response), 5 filtered tcp ports (net-unreach)
PORT      STATE SERVICE
53/tcp    open  domain
443/tcp   open  https
6346/tcp  closed gnutella

Nmap done: 1 IP address (1 host up) scanned in 13.33 seconds
```

```
C:\Users\Aaryan>nmap -sU 8.8.8.8
Starting Nmap 7.95 ( https://nmap.org ) at 2024-10-10 14:15 India Standard Time
Nmap scan report for dns.google (8.8.8.8)
Host is up (0.0084s latency).
Not shown: 984 open|filtered udp ports (no-response)
PORT      STATE SERVICE
53/udp    open  domain
68/udp    filtered dhcpc
135/udp    filtered msrpc
136/udp    filtered profile
137/udp    filtered netbios-ns
138/udp    filtered netbios-dgm
139/udp    filtered netbios-ssn
445/udp    filtered microsoft-ds
520/udp    filtered route
1434/udp   filtered ms-sql-m
33459/udp  closed unknown
49152/udp  closed unknown
49153/udp  closed unknown
49154/udp  closed unknown
49155/udp  closed unknown
49156/udp  closed unknown
```

```
C:\Users\Aaryan>nmap -sV 8.8.8.8
Starting Nmap 7.95 ( https://nmap.org ) at 2024-10-10 14:16 India Standard Time
Nmap scan report for dns.google (8.8.8.8)
Host is up (0.037s latency).
Not shown: 992 filtered tcp ports (no-response), 5 filtered tcp ports (net-unreach)
PORT      STATE SERVICE VERSION
53/tcp    open  tcpwrapped
443/tcp   open  ssl/https HTTP server (unknown)
6346/tcp  closed gnutella
1 service unrecognized despite returning data. If you know the service/version, please submit the following fingerprint at https://nmap.org/cgi-bin/submit.cgi?new-service :
SF:Port443-TCP:V=7.95%T=SSL%I=7%D=10/10%Time=67079480%P=i686-pc-windows-wi
SF:ndows%r(FourOhFourRequest,278,"HTTP/1.0\x20302\x20Found\r\nX-Content-T
SF:ype-Options:\x20nosniff\r\nAccess-Control-Allow-Origin:\x20*\r\nLocati
SF:on:\x20https://dns.google/nice%20ports%2C/Trinity\.txt\.bak\r\nDate:\x
SF:20Thu,\x2010\x20Oct\x202024\x2008:46:56\x20GMT\r\nContent-Type:\x20text
SF:/html;\x20charset=UTF-8\r\nServer:\x20HTTP\x20server\x20(unknown)\r\n
SF:Content-Length:\x20247\r\nX-XSS-Protection:\x200\r\nX-Frame-Options:\x2
SF:0SAMEORIGIN\r\nAlt-Svc:\x20h3=\":443\";\x20ma=2592000,h3-29=\":443\";\x
SF:20ma=2592000\r\n\r\n<HTML><HEAD><meta\x20http-equiv=\"content-type\">\x2
SF:0content=\"text/html; charset=utf-8\">\n<TITLE>302\x20Moved</TITLE></HEA
SF:D><BODY>\n<H1>302\x20Moved</H1>\nThe\x20document\x20has\x20moved\n<A>\x2
SF:0HREF=\"https://dns.google/nice%20ports%2C/Trinity\.txt\.bak\">here</A>
SF:>.\r\n</BODY></HTML></>

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 82.26 seconds
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C:\Users\Aaryan>nmap -A 8.8.8.8
Starting Nmap 7.95 ( https://nmap.org ) at 2024-10-10 14:18 India Standard Time
Nmap scan report for dns.google (8.8.8.8)
Host is up (0.013s latency).
Not shown: 992 filtered tcp ports (no-response), 5 filtered tcp ports (net-unreach)
PORT      STATE SERVICE VERSION
53/tcp    open  tcpwrapped
443/tcp    open  ssl/https HTTP server (unknown)
|_ ssl-cert: Subject: commonName=dns.google
|_ Subject Alternative Name: DNS:dns.google, DNS:dns.google.com, DNS:*.dns.google.com, DNS:8888.google, DNS:dns64.dns.google, IP Address:8.8.8.8, IP Address:8.8.4.4, IP Address:2001:4860:4860:0:0:0:8888, IP Address:2001:4860:4860:0:0:0:8844, IP Address:2001:4860:4860:0:0:0:6464, IP Address:2001:4860:4860:0:0:0:64
|_ Not valid before: 2024-09-16T09:36:20
|_ Not valid after: 2024-12-09T09:36:19
|_ fingerprint-strings:
|_   GetRequest:
|_     HTTP/1.0 302 Found
|_     X-Content-Type-Options: nosniff
|_     Access-Control-Allow-Origin: *
|_     Location: https://dns.google/
|_     Date: Thu, 10 Oct 2024 08:49:04 GMT
|_     Content-Type: text/html; charset=UTF-8
|_     Server: HTTP server (unknown)
|_     Content-Length: 216
|_     X-XSS-Protection: 0
|_     X-Frame-Options: SAMEORIGIN
|_     Alt-Svc: h3=":443"; ma=2592000,h3-29=":443"; ma=2592000
|_     <HTML><HEAD><meta http-equiv="content-type" content="text/html; charset=utf-8">
|_     <TITLE>302 Moved</TITLE></HEAD><BODY>
|_     <H1>302 Moved</H1>
|_     document has moved
|_     HREF="https://dns.google/">here</A>.
|_   </BODY></HTML>
|_ ssl-date: TLS randomness does not represent time
|_ http-server-header:
|_   HTTP server (unknown)
|_ scaffolding on HTTPServer2
|_ http-title: Google Public DNS
6346/tcp closed gnutella
1 service unrecognized despite returning data. If you know the service/version, please submit the following fingerprint at https://nmap.org/cgi-bin/submit.cgi?new-service :
SF-Port443-TCP:V=7.95%T=SSL%I=7%D=10/10%Time=67079500%P=i686-pc-windows-wi
SF:ndows%r(GetRequest,23A,"HTTP/1.0\0x20302\0x20Found\r\nX-Content-Type-Opt
SF:ions:\x20nosniff\r\nAccess-Control-Allow-Origin:\x20*\r\nLocation:\x20
SF:https://dns.google/\r\nDate:\x20Thu,\x2010\x20Oct\x202024\x2008:49:04\
SF:\x20GMT\r\nContent-Type:\x20text/html;\x20charset=UTF-8\r\nServer:\x20HT
SF:TP\x20server\x20(\unknown)\r\nContent-Length:\x20216\r\nX-XSS-Protection:
SF:0\r\nX-Frame-Options:\x20SAMEORIGIN\r\nAlt-Svc:\x20h3=":443";\
SF:\x20ma=2592000,h3-29=":443";\x20ma=2592000\r\n\r\n<HTML><HEAD><meta\x20
SF:0http-equiv="content-type"\x20content="text/html; charset=utf-8">\n<
SF:TITLE>302\x20Moved</TITLE></HEAD><BODY>\n<H1>302\x20Moved</H1>\nThe\x20
SF:document\x20has\x20moved\n<A\x20HREF="https://dns.google/">here</A>\
SF:.\r\n</BODY></HTML>\r\n");
OS fingerprint not ideal because: Didn't receive UDP response. Please try again with -sSU
No OS matches for host
Network Distance: 2 hops

TRACEROUTE (using port 6346/tcp)
HOP RTT ADDRESS
1 7.00 ms 192.168.32.1
2 9.00 ms dns.google (8.8.8.8)

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 86.38 seconds
C:\Users\Aaryan>

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