IS EXPERIMENT 9

Whois:

google.com

Updated 10 minutes ago

Domain Information

Domain:	google.com
Registered On:	1997-09-15
Expires On:	2028-09-14
Updated On:	2019-09-09
Status:	client delete prohibited client transfer prohibited client update prohibited server delete prohibited server transfer prohibited server update prohibited
Name Servers:	ns1.google.com ns2.google.com ns3.google.com ns4.google.com

Registrar Information

Registrar:	MarkMonitor Inc.
IANA ID:	292
Abuse Email:	abusecomplaints@markmonitor.com
Abuse Phone:	+1.2086851750

Registrant Contact

Organization:	Google LLC

Abuse Phone:	+1.2086851750

Registrant Contact

Organization:	Google LLC
State:	CA
Country:	US
Email:	https://domains.markmonitor.com/whois/

Administrative Contact

State:	CA
Country:	US
Email:	https://domains.markmonitor.com/whois/

Technical Contact

State:	CA
Country:	US
Email:	https://domains.markmonitor.com/whois/

related domain names

verisign.com   markmonitor.com   icann.org

Nslookup:

```
C:\Users\DJSCE.student>nslookup google.com
Server:  MUMDC-PRIM.SVKMGRP.COM
Address:  192.168.2.51

Non-authoritative answer:
Name:    google.com
Addresses:  2404:6800:4009:80f::200e
          216.58.203.46
```

Traceroute:

```
C:\Users\DJSCE.student>tracert google.com

Tracing route to google.com [216.58.203.46]
over a maximum of 30 hops:

  1    36 ms    14 ms    21 ms  10.120.96.1
  2    15 ms    19 ms    14 ms  10.120.138.18
  3    15 ms    31 ms    18 ms  10.0.1.8
  4    14 ms    15 ms    16 ms  10.0.3.2
  5    34 ms    24 ms    23 ms  115.242.5.145
  6     *        *        *     Request timed out.
  7     *        *        *     Request timed out.
  8    25 ms    42 ms     6 ms  142.251.225.77
  9    97 ms   155 ms     *     216.239.54.147
 10    33 ms    41 ms    25 ms  hkg12s10-in-f14.1e100.net [216.58.203.46]

Trace complete.
```

FOR IPV4:

```
C:\Users\DJSCE.student>tracert -d -h 30 -w 100 google.com

Tracing route to google.com [216.58.203.46]
over a maximum of 30 hops:

  1     42 ms     16 ms     70 ms  10.120.96.1
  2     24 ms     18 ms     19 ms  10.120.138.18
  3      *       293 ms      *     10.0.1.8
  4     18 ms     25 ms     51 ms  10.0.3.2
  5    121 ms      *       450 ms  115.242.5.145
  6      *         *         *     Request timed out.
  7      *         *         *     Request timed out.
  8      *         *       188 ms  142.251.225.77
  9      *       257 ms      *     216.239.54.147
 10    118 ms    187 ms    143 ms  216.58.203.46

Trace complete.
```

For ipv6:

```
C:\Users\DJSCE.student>tracert -d -h 30 -w 100 google.com

Tracing route to google.com [216.58.203.14]
over a maximum of 30 hops:

  1      *        90 ms     18 ms  10.120.96.1
  2     14 ms     30 ms     22 ms  10.120.138.18
  3    240 ms      *       117 ms  10.0.1.8
  4     36 ms    116 ms    131 ms  10.0.3.2
  5    134 ms      *       377 ms  115.242.5.145
  6      *         *         *     Request timed out.
  7     39 ms     40 ms      *     49.44.18.38
  8      *         *         *     Request timed out.
  9      *         *         *     Request timed out.
 10    171 ms     50 ms     30 ms  142.251.225.77
 11     76 ms     23 ms     18 ms  172.253.77.23
 12    105 ms      *        29 ms  216.58.203.14

Trace complete.
```