

Traceroute Diagram

```
Utility-MacBook-Pro-2:~ utility.terminal$ traceroute girlscouts.org
```

The website
to which the
user ran the
traceroute

```
traceroute to girlscouts.org (209.66.73.87), 64 hops max, 52 byte packets
```

The time it took to
make the hop (e.g.
44.894 milliseconds)

Each number
represents one
stop, or "hop,"
that the data
makes on its
way.

```
1  172.20.10.1 (172.20.10.1)  3.887 ms  3.807 ms  3.245 ms
2  145.sub-66-174-43.myvzw.com (66.174.43.145)  153.274 ms  49.206 ms  44.894 ms
3  * * *
4  * * *
5  66.sub-69-83-106.myvzw.com (69.83.106.66)  42.031 ms  45.271 ms  28.852 ms
6  2.sub-69-83-107.myvzw.com (69.83.107.2)  41.095 ms  38.262 ms  40.946 ms
7  112.sub-69-83-96.myvzw.com (69.83.96.112)  47.276 ms  38.921 ms  34.988 ms
8  112.sub-69-83-96.myvzw.com (69.83.96.112)  48.028 ms  35.339 ms  42.050 ms
9  69.sub-69-83-96.myvzw.com (69.83.96.69)  30.932 ms  40.307 ms  39.802 ms
10 et-1-1-2.gw18.dfw9.alter.net (157.130.131.9)  43.054 ms  28.253 ms  29.032 ms
11 0.ae1.br1.dfw13.alter.net (140.222.227.169)  42.743 ms  27.398 ms  28.958 ms
12 xe-5-0-1.er2.dfw2.us.zip.zayo.com (64.125.13.25)  40.943 ms  42.475 ms  44.620 ms
13 ae24.cs2.dfw2.us.zip.zayo.com (64.125.27.104)  93.879 ms  132.698 ms  113.548 ms
14 ae5.cs2.iah1.us.eth.zayo.com (64.125.28.102)  76.924 ms  86.856 ms  91.969 ms
15 ae3.cs2.dca2.us.eth.zayo.com (64.125.29.44)  94.885 ms  85.481 ms  100.032 ms
16 ae4.cs2.lga5.us.eth.zayo.com (64.125.29.30)  90.980 ms  107.770 ms  77.633 ms
17 ae12.er4.lga5.us.zip.zayo.com (64.125.27.197)  86.254 ms  89.839 ms  68.582 ms
18 209.66.94.14 (209.66.94.14)  80.432 ms  81.163 ms  79.936 ms
```

Asterisks mean that either the identity of the "hop" is private or that the request timed out.

IP (Internet Protocol)
address: any device
connected to a network has
its own IP address: a series
of unique numbers.

Many
traceroutes use
codes that refer
to locations
around the
globe. (DFW =
Dallas Fort
Worth)

LGA =
LaGuardia
(airport), New
York City. The
Girl Scouts
website is
hosted in New
York City.