

# Map Stealths

**Stealth routers are hops on a path that did not respond to packets Lumeta sent to discover paths during Network Discovery and during the phase of Host Discovery that discovers paths to every IP address.**

Lumeta has no other information for the device

An real life example is performing traceroute. The hops with \*\*\* will be a stealth.

For example, Lumeta would define hop 12 as a stealth on a map

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traceroute to 8.8.4.4 (8.8.4.4), 30 hops max, 60 byte packets
 1  216.182.229.122 (216.182.229.122)  12.582 ms 216.182.231.253 (216.182.231.253)  2.267 ms 216.182.231.20 (216.182.231.20)  10.882 ms
 2  100.66.9.108 (100.66.9.108)  81.811 ms 100.66.40.36 (100.66.40.36)  34.893 ms 100.66.40.44 (100.66.40.44)  16.072 ms
 3  100.66.15.24 (100.66.15.24)  20.976 ms 100.66.15.210 (100.66.15.210)  13.873 ms 100.66.52.226 (100.66.52.226)  3.929 ms
 4  241.0.6.6 (241.0.6.6)  0.276 ms 241.0.6.17 (241.0.6.17)  0.384 ms 241.0.6.11 (241.0.6.11)  0.345 ms
 5  243.254.4.141 (243.254.4.141)  0.346 ms 243.254.1.137 (243.254.1.137)  0.349 ms 243.254.5.9 (243.254.5.9)  0.306 ms
 6  240.0.48.30 (240.0.48.30)  0.314 ms 240.0.48.19 (240.0.48.19)  0.311 ms 240.0.48.20 (240.0.48.20)  0.282 ms
 7  242.0.187.49 (242.0.187.49)  0.572 ms 240.0.48.25 (240.0.48.25)  0.275 ms 242.0.187.161 (242.0.187.161)  0.301 ms
 8  52.93.28.135 (52.93.28.135)  0.433 ms 242.0.186.49 (242.0.186.49)  0.424 ms 52.93.28.113 (52.93.28.113)  0.502 ms
 9  100.100.4.10 (100.100.4.10)  0.632 ms 52.93.28.123 (52.93.28.123)  0.416 ms 100.100.4.12 (100.100.4.12)  0.467 ms
10  100.100.34.74 (100.100.34.74)  0.504 ms 72.14.203.158 (72.14.203.158)  1.543 ms 99.83.113.89 (99.83.113.89)  1.546 ms
11  99.83.113.93 (99.83.113.93)  1.958 ms 99.82.181.23 (99.82.181.23)  0.510 ms *
12  * * *
13  dns.google (8.8.4.4)  0.852 ms 0.780 ms 0.620 ms
```