

Traceroute from SLAC to CERN

Normal (UDP) traceroute

The target does not respond.

```
63cottrell@pinger:~$traceroute www.cern.ch
traceroute to www.cern.ch (137.138.144.168), 30 hops max, 60 byte packets
 1 rtr-servcore1-serv01-iepm.slac.stanford.edu (134.79.104.66)  0.411 ms  0.555 ms  0.636 ms
 2 rtr-core2-p2p-servcore1.slac.stanford.edu (134.79.252.162)  0.382 ms  0.401 ms  0.448 ms
 3 rtr-border2-p2p-core2.slac.stanford.edu (134.79.252.145)  0.543 ms  0.625 ms  0.705 ms
 4 slac-mr2-p2p-rtr-border2.slac.stanford.edu (192.68.191.249)  0.240 ms  0.249 ms  0.229 ms
 5 sunnsdn2-ip-slacmr2.es.net (134.55.217.2)  0.631 ms  0.672 ms  0.653 ms
 6 sunnncr1-sunnsdn2.es.net (134.55.209.98)  0.734 ms  0.713 ms  0.728 ms
 7 denvcr2-sunnncr1.es.net (134.55.220.49)  27.731 ms  27.723 ms  27.725 ms
 8 kanscr1-ip-denvcr2.es.net (134.55.209.46)  40.896 ms  40.893 ms  40.894 ms
 9 chiccr1-ip-kanscr1.es.net (134.55.221.58)  51.553 ms  51.572 ms  51.601 ms
10 starcr1-chicr1.es.net (134.55.207.34)  51.653 ms  51.656 ms  51.670 ms
11 ar3-chicago-esnet-vlan.cern.ch (198.125.140.90)  176.973 ms  176.954 ms  176.851 ms
12 e513-e-rbrxl-1-ne0.cern.ch (192.65.184.37)  176.344 ms  178.254 ms  178.243 ms
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29 * * *
30 * * *
```

ICMP traceroute

The target responds twice.

```
62cottrell@pinger:~$sudo traceroute -I www.cern.ch
traceroute to www.cern.ch (137.138.144.168), 30 hops max, 60 byte packets
 1 rtr-servcore1-serv01-iepm.slac.stanford.edu (134.79.104.66)  0.498 ms  0.802 ms  0.932 ms
 2 rtr-core2-p2p-servcore1.slac.stanford.edu (134.79.252.162)  0.651 ms  0.651 ms  0.648 ms
 3 rtr-border2-p2p-core2.slac.stanford.edu (134.79.252.145)  22.105 ms  22.177 ms  22.282 ms
 4 slac-mr2-p2p-rtr-border2.slac.stanford.edu (192.68.191.249)  0.399 ms  0.410 ms  0.408 ms
 5 sunnsdn2-ip-slacmr2.es.net (134.55.217.2)  0.787 ms  0.810 ms  0.808 ms
 6 sunnncr1-sunnsdn2.es.net (134.55.209.98)  0.866 ms  0.756 ms  0.770 ms
 7 denvcr2-sunnncr1.es.net (134.55.220.49)  27.781 ms  27.721 ms  27.721 ms
 8 kanscr1-ip-denvcr2.es.net (134.55.209.46)  40.942 ms  40.957 ms  40.936 ms
 9 chiccr1-ip-kanscr1.es.net (134.55.221.58)  51.783 ms  51.829 ms  51.856 ms
10 starcr1-chicr1.es.net (134.55.207.34)  51.731 ms  51.726 ms  51.714 ms
11 ar3-chicago-esnet-vlan.cern.ch (198.125.140.90)  176.315 ms  178.020 ms  177.993 ms
12 e513-e-rbrxl-1-ne0.cern.ch (192.65.184.37)  175.899 ms  175.862 ms  175.833 ms
13 * * *
14 * * *
15 * * *
16 webr7.cern.ch (137.138.144.168)  176.610 ms  177.309 ms  176.193 ms
17 webr7.cern.ch (137.138.144.168)  176.307 ms  178.627 ms  177.308 ms
```

ICMP traceroute