

## Net Effects *Online tricks*

```

C:\Documents and Settings\Eric McMillan>pathping www.we-compute.com
Tracing route to we-compute.com [207.181.70.26]
over a maximum of 30 hops:
 0 DOWNSTAIRS [142.154.111.164]
 1 trt-on-pn55.netcon.ca [216.191.129.132]
 2 216.191.129.129
 3 atm7-1-70.core2-tor.bb.attcanada.ca [216.191.67.113]
 4 srp2-0.gwy1-tor.bb.attcanada.ca [216.191.65.243]
 5 207.181.69.13
 6 tor-public-dist1-vlan11.spine.attcanada.ca [207.181.76.5]
 7 we-compute.com [207.181.70.26]

Computing statistics for 175 seconds...
Hop  RTT      Source to Here   This Node/Link  Address
 0                               Lost/Sent = Pct  Lost/Sent = Pct  DOWNSTAIRS [142.154.111.164]
 1  177ms    0/ 100 = 0%      0/ 100 = 0%      trt-on-pn55.netcon.ca [216.191.129
.132]
 2  181ms    11/ 100 = 11%    11/ 100 = 11%    216.191.129.129
 3  178ms    0/ 100 = 0%      0/ 100 = 0%      atm7-1-70.core2-tor.bb.attcanada.c
a [216.191.67.113]
 4  177ms    0/ 100 = 0%      0/ 100 = 0%      srp2-0.gwy1-tor.bb.attcanada.ca [2
16.191.65.243]
 5  186ms    0/ 100 = 0%      0/ 100 = 0%      207.181.69.13
 6  186ms    1/ 100 = 1%      1/ 100 = 1%      tor-public-dist1-vlan11.spine.attc
anada.ca [207.181.76.5]
 7  182ms    0/ 100 = 0%      0/ 100 = 0%      we-compute.com [207.181.70.26]

Trace complete.

```

tested our connection over a 175-second period and averaged the trials to get these results. You can see from the example that the path from our computer (named “Downstairs”) to WE-Compute.com, included seven hops between servers.

Also note that only one server along the way — identified only by its IP address (216.191.129.129) — had problems, losing 11 percent of the data during the test.

Don’t worry about the “loss”. The Internet has enough error-checking to ensure that eventually all the data gets through. But such a faulty server does slow down your overall connection, whenever your data passes through it.

## ***Beefed up browsers***

### ***Help your browser’s memory***

Here’s a trick that might make your Web sessions run seconds faster.

The Internet does not recognize site names expressed in alphabetical language, like `www.yahoo.com` or `www.EditorEric.com`. Rather it knows sites by their IP addresses, which are