traceroute to ucalgary.ca (136.159.96.125), 30 hops max, 60 byte packets

 1  \_gateway (192.168.0.1)  5.119 ms  5.071 ms  6.201 ms

 2  70.77.0.1 (70.77.0.1)  21.584 ms  21.815 ms  22.298 ms

 3  rc3no-be116-1.cg.shawcable.net (64.59.134.133)  22.337 ms  22.535 ms  22.759 ms

 4  24.244.57.181 (24.244.57.181)  22.809 ms  116.337 ms  116.249 ms

 5  24.244.57.5 (24.244.57.5)  116.237 ms  116.192 ms  116.433 ms

 6  rc3no-be214.cg.shawcable.net (24.244.57.1)  116.068 ms  13.369 ms  17.215 ms

 7  \* \* \*

 8  \* \* \*

 9  fw1uofc.cg.bigpipeinc.com (206.174.203.106)  18.212 ms  23.613 ms  23.536 ms

10  h66-244-233-20.bigpipeinc.com (66.244.233.20)  24.312 ms  23.928 ms  23.873 ms

11  h77.gpvpn.ucalgary.ca (136.159.199.77)  24.915 ms  27.547 ms  27.385 ms

12  10.59.226.25 (10.59.226.25)  35.351 ms  17.586 ms  13.475 ms

13  \* \* \*

14  10.17.184.1 (10.17.184.1)  19.965 ms  23.647 ms  21.250 ms

15  www.ucalgary.ca (136.159.96.125)  22.177 ms  135.576 ms  135.597 ms

traceroute to utoronto.ca (128.100.166.120), 30 hops max, 60 byte packets

 1  \_gateway (192.168.0.1)  2.481 ms  3.503 ms  3.486 ms

 2  70.77.0.1 (70.77.0.1)  19.609 ms  21.290 ms  21.874 ms

 3  rc3no-be116-1.cg.shawcable.net (64.59.134.133)  21.923 ms  22.209 ms  22.183 ms

 4  24.244.57.181 (24.244.57.181)  202.875 ms  203.117 ms  202.977 ms

 5  24.244.57.5 (24.244.57.5)  26.460 ms  26.523 ms  26.747 ms

 6  rc3no-be214.cg.shawcable.net (24.244.57.1)  23.703 ms  14.311 ms \*

 7  rc3so-be23.cg.shawcable.net (66.163.71.118)  75.934 ms  75.925 ms  76.103 ms

 8  rc1wt-be82.wa.shawcable.net (66.163.76.9)  76.101 ms  76.091 ms  76.092 ms

 9  100ge14-2.core1.sea1.he.net (206.81.80.40)  76.079 ms  76.074 ms  76.069 ms

10  100ge1-2.core1.msp1.he.net (184.104.194.22)  76.064 ms  76.059 ms  76.049 ms

11  100ge13-1.core2.chi1.he.net (184.105.223.177)  76.173 ms  76.379 ms  76.359 ms

12  port-channel4.core3.chi1.he.net (184.104.196.218)  175.233 ms  235.619 ms  235.679 ms

13  port-channel1.core2.tor1.he.net (184.104.196.246)  234.989 ms  234.980 ms  234.948 ms

14  100ge9-1.core1.tor1.he.net (184.104.196.245)  235.084 ms  235.054 ms  234.791 ms

15  gtanet-networking.10gigabitethernet3-1.core1.tor1.he.net (216.66.30.114)  234.778 ms  234.759 ms  234.875 ms

16  utoronto2-ut-hub-if-internet.gtanet.ca (205.211.94.134)  234.754 ms  234.735 ms  234.716 ms

17  \* \* \*

18  \* \* \*

19  \* \* \*

20  128.100.166.120 (128.100.166.120)  235.784 ms  235.697 ms  235.931 ms

70.77.0.1

64.59.134.133

24.244.57.181

24.244.57.5

24.244.57.1

66.163.71.118

66.163.76.9

206.81.80.40

184.104.194.22

184.105.223.177

184.104.196.218

184.104.196.246

184.104.196.245

216.66.30.114

205.211.94.134

128.100.166.120

traceroute to mcgill.ca (132.216.177.160), 30 hops max, 60 byte packets

 1  \_gateway (192.168.0.1)  3.443 ms  3.963 ms  4.640 ms

 2  70.77.0.1 (70.77.0.1)  16.630 ms  19.446 ms  20.041 ms

 3  rc3no-be116-1.cg.shawcable.net (64.59.134.133)  19.979 ms  20.923 ms  21.400 ms

 4  24.244.57.181 (24.244.57.181)  23.232 ms  23.200 ms  25.544 ms

 5  24.244.57.5 (24.244.57.5)  26.602 ms  29.196 ms  28.831 ms

 6  rc3no-be214.cg.shawcable.net (24.244.57.1)  26.246 ms  12.396 ms  17.000 ms

 7  rc3so-be23.cg.shawcable.net (66.163.71.118)  16.971 ms  23.805 ms  23.728 ms

 8  rc1wt-be82.wa.shawcable.net (66.163.76.9)  87.709 ms  87.671 ms  87.532 ms

 9  ae22.cr4-sea2.ip4.gtt.net (209.120.141.209)  87.563 ms  87.542 ms  87.520 ms

10  ae16.cr0-mtl1.ip4.gtt.net (89.149.186.134)  102.922 ms  101.716 ms  102.630 ms

11  ip4.gtt.net (208.116.159.206)  104.697 ms  107.626 ms  106.978 ms

12  imtrl-rq-ic-dmtrl-rq.risq.net (192.77.63.70)  94.936 ms  95.455 ms  95.417 ms

13  mcgill-gw.risq.net (132.202.62.90)  94.767 ms  235.857 ms  235.774 ms

14  mcgill-internet-membre1.risq.net (206.167.128.42)  235.735 ms  235.705 ms  235.594 ms

15  \* \* \*

16  \* \* \*

17  \* \* \*

18  www.mcgill.ca (132.216.177.160)  212.800 ms  212.822 ms  235.461 ms

70.77.0.1

64.59.134.133

24.244.57.181

24.244.57.5

24.244.57.1

66.163.71.118

66.163.76.9

209.120.141.209

89.149.186.134

208.116.159.206

192.77.63.70

132.202.62.90

206.167.128.42

132.216.177.160

traceroute to ubc.ca (206.87.224.15), 60 hops max, 60 byte packets

 1  \_gateway (192.168.0.1)  2.468 ms  3.685 ms  3.607 ms

 2  70.77.0.1 (70.77.0.1)  16.291 ms  16.214 ms  16.138 ms

 3  rc3no-be116-1.cg.shawcable.net (64.59.134.133)  18.349 ms  18.269 ms  18.845 ms

 4  24.244.57.181 (24.244.57.181)  18.761 ms  18.681 ms  18.574 ms

 5  24.244.57.5 (24.244.57.5)  21.433 ms  21.346 ms  24.537 ms

 6  rc3no-be214.cg.shawcable.net (24.244.57.1)  24.872 ms  11.151 ms  15.658 ms

 7  rc1st-be11-1.vc.shawcable.net (66.163.72.70)  28.817 ms  27.760 ms  28.167 ms

 8  \* \* \*

 9  208.98.209.22 (208.98.209.22)  33.613 ms  32.009 ms  32.539 ms

10  cr2-100g-bb3928ae1.vncv1.bc.net.bc.net (207.23.253.118)  33.214 ms  32.531 ms  32.213 ms

11  134.87.30.149 (134.87.30.149)  34.497 ms  40.860 ms  41.721 ms

12  137.82.88.122 (137.82.88.122)  31.382 ms  28.457 ms  29.856 ms

13  a22-a0.net.ubc.ca (137.82.123.113)  29.802 ms \*  27.090 ms

14  \* \* \*

15  ubc.ca (206.87.224.15)  30.472 ms  30.618 ms  26.526 ms

70.77.0.1

64.59.134.133

24.244.57.181

24.244.57.5

24.244.57.1

66.163.72.70

208.98.209.22

207.23.253.118

134.87.30.149

137.82.88.122

137.82.123.113

206.87.224.15

traceroute to nyu.edu (216.165.47.10), 30 hops max, 60 byte packets

 1  \_gateway (192.168.0.1)  3.817 ms  3.793 ms  4.679 ms

 2  70.77.0.1 (70.77.0.1)  172.191 ms  172.192 ms  172.074 ms

 3  rc3no-be116-1.cg.shawcable.net (64.59.134.133)  172.039 ms  172.012 ms  171.903 ms

 4  24.244.57.181 (24.244.57.181)  171.883 ms  171.845 ms  171.825 ms

 5  24.244.57.5 (24.244.57.5)  171.795 ms  171.658 ms  171.630 ms

 6  rc3no-be214.cg.shawcable.net (24.244.57.1)  171.562 ms  12.112 ms  17.379 ms

 7  rc3so-be23.cg.shawcable.net (66.163.71.118)  17.939 ms  19.126 ms  19.120 ms

 8  rc1wt-be82.wa.shawcable.net (66.163.76.9)  233.988 ms  233.963 ms  233.938 ms

 9  six.zayo.com (206.81.80.19)  233.775 ms  233.819 ms  233.794 ms

10  ae27.cs1.sea1.us.eth.zayo.com (64.125.29.0)  234.139 ms ae28.cs2.sea1.us.eth.zayo.com (64.125.29.104)  234.106 ms ae27.cs1.sea1.us.eth.zayo.com (64.125.29.0)  233.994 ms

11  \* \* \*

12  \* \* ae3.cs2.lga5.us.eth.zayo.com (64.125.29.212)  215.160 ms

13  \* \* \*

14  209.66.118.177.IDIA-282827-ZYO.zip.zayo.com (209.66.118.177)  235.252 ms  235.201 ms  235.183 ms

15  \* \* \*

16  \* \* \*

17  nyufw-outside-ngfw-vl3080.net.nyu.edu (128.122.254.116)  233.769 ms  233.707 ms  173.205 ms

18  \* \* \*

19  wsqdcgwa-vl901.net.nyu.edu (128.122.1.6)  204.046 ms  204.013 ms  204.000 ms

20  nyu.edu (216.165.47.10)  203.773 ms  175.550 ms  86.853 ms

traceroute to stanford.edu (171.67.215.200), 30 hops max, 60 byte packets

 1  \_gateway (192.168.0.1)  3.070 ms  4.893 ms  4.893 ms

 2  70.77.0.1 (70.77.0.1)  18.526 ms  20.174 ms  20.223 ms

 3  rc3no-be116-1.cg.shawcable.net (64.59.134.133)  20.516 ms  20.512 ms  21.479 ms

 4  24.244.57.181 (24.244.57.181)  30.561 ms  31.168 ms  31.475 ms

 5  24.244.57.5 (24.244.57.5)  31.820 ms  31.739 ms  33.032 ms

 6  rc3no-be214.cg.shawcable.net (24.244.57.1)  31.555 ms  13.754 ms \*

 7  rc3so-be23.cg.shawcable.net (66.163.71.118)  100.499 ms  100.476 ms  100.440 ms

 8  rc1wt-be82.wa.shawcable.net (66.163.76.9)  100.430 ms  100.389 ms  100.280 ms

 9  100ge14-2.core1.sea1.he.net (206.81.80.40)  100.258 ms  100.242 ms  100.209 ms

10  port-channel1.core2.sea1.he.net (184.104.197.46)  100.197 ms  100.175 ms  100.072 ms

11  100ge15-1.core1.pdx1.he.net (184.105.64.138)  99.992 ms  99.911 ms  99.799 ms

12  100ge5-2.core1.pao1.he.net (184.104.193.25)  135.458 ms  235.160 ms  235.114 ms

13  stanford-university.100gigabitethernet5-1.core1.pao1.he.net (184.105.177.238)  235.063 ms  235.036 ms  234.930 ms

14  woa-west-rtr-vl3.SUNet (171.66.255.132)  234.880 ms  234.932 ms  234.889 ms

15  \* \* \*

16  web.stanford.edu (171.67.215.200)  234.720 ms  234.679 ms  234.590 ms

traceroute to london.ac.uk (128.86.130.42), 30 hops max, 60 byte packets

 1  \_gateway (192.168.0.1)  3.018 ms  4.700 ms  4.698 ms

 2  70.77.0.1 (70.77.0.1)  17.571 ms  19.118 ms  19.787 ms

 3  rc3no-be116-1.cg.shawcable.net (64.59.134.133)  20.102 ms  20.323 ms  20.572 ms

 4  24.244.57.181 (24.244.57.181)  21.302 ms  24.839 ms  25.502 ms

 5  24.244.57.5 (24.244.57.5)  81.834 ms  81.788 ms  81.735 ms

 6  rc3no-be214.cg.shawcable.net (24.244.57.1)  81.662 ms  16.019 ms  19.902 ms

 7  rc3so-be23.cg.shawcable.net (66.163.71.118)  21.446 ms  19.793 ms  21.358 ms

 8  rc1wt-be82.wa.shawcable.net (66.163.76.9)  171.451 ms  171.273 ms  171.306 ms

 9  sea-b2-link.ip.twelve99.net (213.248.67.224)  171.406 ms  171.259 ms  171.231 ms

10  \* nyk-bb2-link.ip.twelve99.net (62.115.119.228)  171.235 ms ldn-b2-link.ip.twelve99.net (62.115.120.239)  182.322 ms

11  port-b2-link.ip.twelve99.net (62.115.139.132)  182.285 ms  182.223 ms nyk-bb2-link.ip.twelve99.net (62.115.119.228)  171.037 ms

12  port-b1-link.ip.twelve99.net (62.115.142.88)  151.558 ms ldn-bb4-link.ip.twelve99.net (62.115.112.245)  171.516 ms ash-bb2-link.ip.twelve99.net (62.115.136.201)  183.070 ms

13  ldn-b2-link.ip.twelve99.net (62.115.122.189)  170.198 ms \* ldn-b2-link.ip.twelve99.net (62.115.120.239)  170.637 ms

14  ae16-0.londsh.rbr2.ja.net (146.97.37.134)  170.114 ms jisc-ic345131-ldn-b2.ip.twelve99-cust.net (62.115.175.131)  170.160 ms nyk-bb1-link.ip.twelve99.net (62.115.118.110)  105.679 ms

15  ae24.londhx-sbr1.ja.net (146.97.35.197)  176.491 ms nyk-bb1-link.ip.twelve99.net (62.115.118.110)  106.697 ms  106.951 ms

16  ae29.londpg-sbr2.ja.net (146.97.33.2)  179.369 ms  180.505 ms  176.493 ms

17  ae24.londhx-sbr1.ja.net (146.97.35.197)  189.644 ms ldn-b2-link.ip.twelve99.net (62.115.122.189)  175.880 ms \*

18  jisc-ic345131-ldn-b2.ip.twelve99-cust.net (62.115.175.131)  186.919 ms gw.ulcc.net (146.97.139.210)  172.848 ms jisc-ic345131-ldn-b2.ip.twelve99-cust.net (62.115.175.131)  165.970 ms

19  fw.ulcc.net (128.86.200.178)  169.029 ms  166.522 ms  171.244 ms

20  ae29.londpg-sbr2.ja.net (146.97.33.2)  170.274 ms 128.86.200.210 (128.86.200.210)  177.923 ms ae29.londpg-sbr2.ja.net (146.97.33.2)  170.477 ms

21  uolweb6.london.ac.uk (128.86.130.42)  173.967 ms  170.076 ms ae16-0.londsh.rbr2.ja.net (146.97.37.134)  169.706 ms

traceroute to u-paris.fr (195.220.128.193), 30 hops max, 60 byte packets

 1  \_gateway (192.168.0.1)  3.457 ms  3.757 ms  4.353 ms

 2  70.77.0.1 (70.77.0.1)  172.378 ms  172.398 ms  172.372 ms

 3  rc3no-be116-1.cg.shawcable.net (64.59.134.133)  172.285 ms  172.258 ms  172.230 ms

 4  24.244.57.181 (24.244.57.181)  172.199 ms  172.182 ms  172.031 ms

 5  24.244.57.5 (24.244.57.5)  171.956 ms  171.927 ms  171.899 ms

 6  rc3no-be214.cg.shawcable.net (24.244.57.1)  171.750 ms  11.068 ms  19.970 ms

 7  rc3so-be23.cg.shawcable.net (66.163.71.118)  26.043 ms  27.008 ms  25.922 ms

 8  rc4ec-be13.il.shawcable.net (66.163.65.18)  202.437 ms  202.354 ms  202.325 ms

 9  \* \* \*

10  be2766.ccr42.ord01.atlas.cogentco.com (154.54.46.177)  202.199 ms be2765.ccr41.ord01.atlas.cogentco.com (154.54.45.17)  202.084 ms  201.995 ms

11  be2717.ccr21.cle04.atlas.cogentco.com (154.54.6.222)  201.970 ms be2718.ccr22.cle04.atlas.cogentco.com (154.54.7.130)  201.933 ms be2717.ccr21.cle04.atlas.cogentco.com (154.54.6.222)  201.831 ms

12  be2878.ccr21.alb02.atlas.cogentco.com (154.54.26.130)  182.384 ms  175.203 ms  175.129 ms

13  be3599.ccr31.bos01.atlas.cogentco.com (66.28.4.238)  175.015 ms be3600.ccr32.bos01.atlas.cogentco.com (154.54.0.222)  172.699 ms be3599.ccr31.bos01.atlas.cogentco.com (66.28.4.238)  172.803 ms

14  be2101.ccr42.lon13.atlas.cogentco.com (154.54.82.37)  172.765 ms  172.736 ms  172.695 ms

15  be12489.ccr42.par01.atlas.cogentco.com (154.54.57.70)  172.663 ms  172.575 ms be12497.ccr41.par01.atlas.cogentco.com (154.54.56.130)  172.545 ms

16  be2780.ccr32.mrs02.atlas.cogentco.com (154.54.72.226)  172.514 ms be2779.ccr31.mrs02.atlas.cogentco.com (154.54.72.110)  172.486 ms be2780.ccr32.mrs02.atlas.cogentco.com (154.54.72.226)  172.457 ms

17  be2752.ccr22.mrs01.atlas.cogentco.com (154.54.38.33)  172.427 ms  172.339 ms  167.630 ms

18  be2345.agr21.mrs01.atlas.cogentco.com (154.54.38.170)  167.546 ms be2346.agr21.mrs01.atlas.cogentco.com (154.54.38.174)  167.488 ms be2345.agr21.mrs01.atlas.cogentco.com (154.54.38.170)  167.442 ms

19  geant.demarc.cogentco.com (149.6.155.234)  167.367 ms  167.494 ms  167.469 ms

20  xe-1-0-9-lyon1-rtr-131.noc.renater.fr (193.51.177.223)  167.449 ms xe-1-0-0-ren-nr-lyon1-rtr-131.noc.renater.fr (193.55.204.109)  167.410 ms xe-1-0-9-lyon1-rtr-131.noc.renater.fr (193.51.177.223)  167.302 ms

21  et-3-1-7-ren-nr-paris1-rtr-131.noc.renater.fr (193.51.180.166)  167.201 ms  167.149 ms  167.145 ms

22  te-0-1-0-11-ren-nr-odeon-rtr-091.noc.renater.fr (193.55.204.4)  241.191 ms te-0-0-0-11-ren-nr-odeon-rtr-091.noc.renater.fr (193.51.180.20)  241.137 ms  241.098 ms

23  xe-0-3-0-odeon-rtr-111.noc.renater.fr (193.51.180.156)  241.112 ms  241.078 ms  241.063 ms

24  195.221.127.6 (195.221.127.6)  240.917 ms  240.896 ms  240.857 ms

25  195.220.129.174 (195.220.129.174)  240.853 ms  240.821 ms  240.814 ms

26  195.220.129.214 (195.220.129.214)  240.712 ms  235.546 ms  235.587 ms

27  proxy-web.u-paris.fr (195.220.128.193)  235.517 ms  235.520 ms  235.470 ms