**Computer Networks (COL)**

Assignment 1

Question 3

**Source**: Czech Republic http://www.snlink.net/

**Destination**: ETHZ (Switzerland)(129.132.19.216)

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency**  **(ms)** |
| **0** | **78.157.167.1** | **49.7167,18.6000** | **Moravskoslezsky kraj** | **Český Těšín** | **CZ** | **78-157-167-1.silesnet.net** | **AS43709 SilesNet s.r.o.** | **1.482** |
| **1** | 78.157.167.197 | 49.7167,18.6000 | Moravskoslezsky kraj | Český Těšín | CZ | 78-157-167-197.silesnet.net | AS43709 SilesNet s.r.o. | 0.189 |
| **2** | 78.157.167.194 | 49.7167,18.6000 | Moravskoslezsky kraj | Český Těšín | CZ | 78-157-167-194.silesnet.net | AS43709 SilesNet s.r.o. | 9.219 |
| **3** | 82.113.38.105 | 50.0848,14.4112 |  |  | CZ | cz-prg-asbr2-xe-4-1-1-v1517-dialtelecom.cz | AS29208 Dial Telecom, a.s. | 6.701 |
| **4** | 82.119.246.237 | 50.0848,14.4112 |  |  | CZ | cz-prg-bbr4-te1-1.dialtelecom.cz | AS29208 Dial Telecom, a.s. | 8.855 |
| **5** | 82.119.246.229 | 50.0848,14.4112 |  |  | CZ |  | AS29208 Dial Telecom, a.s. | 7.410 |
| **6** | 82.119.246.218 | 50.0848,14.4112 |  |  | CZ | cz-prg-asbr4-be5.dialtelecom.cz | AS29208 Dial Telecom, a.s. | 9.832 |
| **7** | \* | \* | \* | \* | \* |  |  |  |
| **8** | **130.59.38.81** | **47.3667,8.5500** | **Zurich** | **Zurich** | **CH** | **swiCE1-B3.switch.ch** | **AS559 SWITCH** | **33.529** |
| **9** | 130.59.36.94 | 47.3667,8.5500 | Zurich | Zurich | CH | swiZH1-100GE-0-1-0-1.switch.ch | AS559 SWITCH | 33.334 |
| **10** | 130.59.38.109 | 47.3667,8.5500 | Zurich | Zurich | CH | swiEZ3-100GE-0-1-0-4.switch.ch | AS559 SWITCH | 41.663 |
| **11** | 192.33.92.1 | 47.3667,8.5500 | Zurich | Zurich | CH | rou-gw-lee-tengig-to-switch.ethz.ch | AS559 SWITCH | 41.655 |
| **12** | 192.33.92.169 | 47.3667,8.5500 | Zurich | Zurich | CH | rou-fw-rz-rz-gw.ethz.ch | AS559 SWITCH | 36.151 |

**Source**: Czech Republic http://www.snlink.net/

**Destination**: University of Waterloo (Canada east)(129.97.208.23)

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency**  **(ms)** |
| **0** | **78.157.167.1** | **49.7167,18.6000** | **Moravskoslezsky kraj** | **Český Těšín** | **CZ** | **78-157-167-1.silesnet.net** | **AS43709 SilesNet s.r.o.** | **5.224 ms** |
| **1** | 78.157.167.197 | 49.7167,18.6000 | Moravskoslezsky kraj | Český Těšín | CZ | 78-157-167-197.silesnet.net | AS43709 SilesNet s.r.o. | 0.157 ms |
| **2** | 78.157.167.194 | 49.7167,18.6000 | Moravskoslezsky kraj | Český Těšín | CZ | 78-157-167-194.silesnet.net | AS43709 SilesNet s.r.o. | 1.077 ms |
| **3** | 77.48.21.253 | 50.0167,15.0333 | Kolín | Bosice | CZ | cz-ost-pop9-rb1-ae1-s208.net.upc.cz | AS6830 Liberty Global Operations B.V. | 1.317 ms |
| **4** | 84.116.222.101 | 50.0848,14.4112 |  |  | CZ | cz-hk-pop1-rb1-vla101.net.upc.cz | AS6830 Liberty Global Operations B.V. | 18.308 ms |
| **5** | 84.116.222.69 | 50.0848,14.4112 |  |  | CZ | cz-pra-pop62-rb1-vla119.net.upc.cz | AS6830 Liberty Global Operations B.V. | 18.315 ms |
| **6** | 84.116.221.89 | 50.0848,14.4112 |  |  | CZ | cz-pra-pop115-rb1-vla2123.net.upc.cz | AS6830 Liberty Global Operations B.V. | 18.198 ms |
| **7** | 84.116.221.78 | 50.0848,14.4112 |  |  | CZ | cz-prg01a-ra4-vla2119.net.upc.cz | AS6830 Liberty Global Operations B.V. | 18.306 ms |
| **8** | **84.116.135.5** | **48.2000,16.3667** |  |  | **AT** | **de-fra04a-rc1-ae33-0.aorta.net** | **AS6830 Liberty Global Operations B.V.** | **22.428 ms** |
| **9** | 84.116.134.190 | 48.2000,16.3667 |  |  | AT | de-fra01b-ri2-ae32-0.aorta.net | AS6830 Liberty Global Operations B.V. | 18.006 ms |
| **10** | **213.46.177.134** | **52.3824,4.8995** |  |  | **NL** |  | **AS6830 Liberty Global Operations B.V.** | **16.328 ms** |
| **11** | **154.54.36.250** | **37.7510,-97.8220** |  |  | **US** | **be2256.ccr42.fra03.atlas.cogentco.com** | **AS174 Cogent Communications** | **21.982 ms** |
| **12** | 154.54.36.214 | 37.7510,-97.8220 |  |  | US | be2249.ccr42.ams03.atlas.cogentco.com | AS174 Cogent Communications | 32.053 ms |
| **13** | 154.54.58.69 | 37.7510,-97.8220 |  |  | US | be2183.ccr22.lpl01.atlas.cogentco.com | AS174 Cogent Communications | 111.189 ms |
| **14** | 154.54.28.118 | 37.7510,-97.8220 |  |  | US | be2976.ccr22.ymq01.atlas.cogentco.com | AS174 Cogent Communications | 109.843 ms |
| **15** | 154.54.42.89 | 37.7510,-97.8220 |  |  | US | be3260.ccr22.yyz02.atlas.cogentco.com | AS174 Cogent Communications | 130.397 ms |
| **16** | 38.99.202.214 | 29.5075,-95.0895 | Texas | League City | US | university\_of\_waterloo.demarc.cogentco.com | AS174 Cogent Communications | 133.177 ms |
| **17** | \* | \* | \* | \* | \* |  |  |  |
| **18** | \* | \* | \* | \* | \* |  |  |  |
| **19** | \* | \* | \* | \* | \* |  |  |  |
| **20** | \* | \* | \* | \* | \* |  |  |  |
| **21** | **129.97.208.23** | **43.4715,-80.5454** | **Ontario** | **Waterloo** | **CA** | **wms.uwaterloo.ca** | **AS12093 University of Waterloo** | **141.260 ms** |

**Source**: Czech Republic http://www.snlink.net/

**Destination**: University of Cape Town (South Africa): 137.158.158.44

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency**  **(ms)** |
| **0** | **78.157.167.1** | **49.7167,18.6000** | **Moravskoslezsky kraj** | **Český Těšín** | **CZ** | **78-157-167-1.silesnet.net** | **AS43709 SilesNet s.r.o.** | **1.496 ms** |
| **1** | 78.157.167.197 | 49.7167,18.6000 | Moravskoslezsky kraj | Český Těšín | CZ | 78-157-167-197.silesnet.net | AS43709 SilesNet s.r.o. | 0.154 ms |
| **2** | 78.157.167.194 | 49.7167,18.6000 | Moravskoslezsky kraj | Český Těšín | CZ | 78-157-167-194.silesnet.net | AS43709 SilesNet s.r.o. | 12.753 ms |
| **3** | 82.113.38.105 | 50.0848,14.4112 |  |  | CZ | cz-prg-asbr2-xe-4-1-1-v1517-dialtelecom.cz | AS29208 Dial Telecom, a.s. | 6.628 ms |
| **4** | 82.119.246.237 | 50.0848,14.4112 |  |  | CZ | cz-prg-bbr4-te1-1.dialtelecom.cz | AS29208 Dial Telecom, a.s. | 8.891 ms |
| **5** | 82.119.246.229 | 50.0848,14.4112 |  |  | CZ |  | AS29208 Dial Telecom, a.s. | 7.622 ms |
| **6** | 82.119.246.218 | 50.0848,14.4112 |  |  | CZ | cz-prg-asbr4-be5.dialtelecom.cz | AS29208 Dial Telecom, a.s. | 9.978 ms |
| **7** | \* | \* | \* | \* | \* |  |  |  |
| **8** | **196.32.210.177** | **-29.0000,24.0000** |  |  | **ZA** | **lt11-3-0-2-ua-nl-ams1-01.ubuntunet.net** | **AS36944 Ubuntunet Alliance For Research and Education Networking** | **33.261 ms** |
| **9** | 196.32.209.49 | -29.0000,24.0000 |  |  | ZA | xe0-0-0-0-ua-uk-ldn1-01.ubuntunet.net | AS36944 Ubuntunet Alliance For Research and Education Networking | 38.522 ms |
| **10** | 196.32.209.170 | -29.0000,24.0000 |  |  | ZA | ae1-1001-cpt1-ir1-i.tenet.ac.za | AS36944 Ubuntunet Alliance For Research and Education Networking | 172.046 ms |
| **11** | 155.232.64.69 | -33.9833,18.4000 | Western Cape | Wynberg | ZA |  | AS2018 TENET (The UNINET Project) | 173.428 ms |
| **12** | 155.232.32.14 | -33.9833,18.4000 | Western Cape | Wynberg | ZA |  | AS2018 TENET (The UNINET Project) | 179.966 ms |

**Source**: Czech Republic http://www.snlink.net/

**Destination**: IIT Delhi (India)(103.27.9.20)

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | **78.157.167.1** | **49.7167,18.6000** | **Moravskoslezsky kraj** | **Český Těšín** | **CZ** | **78-157-167-1.silesnet.net** | **AS43709 SilesNet s.r.o.** | **1.430 ms** |
| **1** | 78.157.167.197 | 49.7167,18.6000 | Moravskoslezsky kraj | Český Těšín | CZ | 78-157-167-197.silesnet.net | AS43709 SilesNet s.r.o. | 0.146 ms |
| **2** | **62.115.34.78** | **47.0000,8.0000** |  |  | **EU** | **prag-b3-link.telia.net** | **AS1299 Telia Company AB** | **6.736 ms** |
| **3** | 62.115.117.90 | 47.0000,8.0000 |  |  | EU | prag-bb1-link.telia.net | AS1299 Telia Company AB | 12.208 ms |
| **4** | 62.115.139.227 | 47.0000,8.0000 |  |  | EU | ffm-bb4-link.telia.net | AS1299 Telia Company AB | 13.628 ms |
| **5** | 62.115.133.181 | 47.0000,8.0000 |  |  | EU | mei-b2-link.telia.net | AS1299 Telia Company AB | 45.686 ms |
| **6** | 213.248.72.190 | 47.0000,8.0000 |  |  | EU | flagtelecom-ic-324599-mei-b2.c.telia.net | AS1299 Telia Company AB | 39.939 ms |
| **7** | **85.95.26.253** | **51.4964,-0.1224** |  |  | **GB** | **xe-9-3-0.0.pjr04.ldn001.flagtel.com** | **AS15412 Reliance Globalcom Limited** | **52.256 ms** |
| **8** | 85.95.25.185 | 51.4964,-0.1224 |  |  | GB | xe-2-0-0.0.pjr04.mmb004.flagtel.com | AS15412 Reliance Globalcom Limited | 225.070 ms |
| **9** | \* | \* | \* | \* | \* |  |  |  |
| **10** | \* | \* | \* | \* | \* |  |  |  |
| **11** | **124.124.195.101** | **18.9750,72.8258** | **Maharashtra** | **Mumbai** | **IN** |  | **AS18101 Reliance Communication Ltd 20060606** | **191.808 ms** |
| **12** | \* | \* | \* | \* | \* |  |  |  |

**Source**: Czech Republic http://www.snlink.net/

**Destination**: Google(216.58.219.196)

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | **78.157.167.1** | **49.7167,18.6000** | **Moravskoslezsky kraj** | **Český Těšín** | **CZ** | **78-157-167-1.silesnet.net** | **AS43709 SilesNet s.r.o.** | **2.914 ms** |
| **1** | 78.157.167.197 | 49.7167,18.6000 | Moravskoslezsky kraj | Český Těšín | CZ | 78-157-167-197.silesnet.net | AS43709 SilesNet s.r.o. | 0.179 ms |
| **2** | 91.210.16.211 | 50.0848,14.4112 |  |  | CZ | nixcz.net.google.com |  | 6.114 ms |
| **3** | **108.170.245.51** | **37.4192,-122.0574** | **California** | **Mountain View** | **US** |  | **AS15169 Google Inc.** | **5.897 ms** |
| **4** | 216.239.46.49 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 14.432 ms |
| **5** | 209.85.252.29 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 15.637 ms |
| **6** | 209.85.252.149 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 23.624 ms |
| **7** | 216.239.42.58 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 98.570 ms |
| **8** | 216.239.56.16 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 98.439 ms |
| **9** | \* | \* | \* | \* | \* | \* | \* |  |
| **10** | 108.170.229.255 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 98.494 ms |
| **11** | 216.58.219.196 | 37.4192,-122.0574 | California | Mountain View | US | lga25s40-in-f196.1e100.net | AS15169 Google Inc. | 98.444 ms |

**Source**: Czech Republic http://www.snlink.net/

**Destination**: Facebook: 31.13.75.36

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency**  **(ms)** |
| **0** | **78.157.167.1** | **49.7167,18.6000** | **Moravskoslezsky kraj** | **Český Těšín** | **CZ** | **78-157-167-1.silesnet.net** | **AS43709 SilesNet s.r.o.** | **1.498** |
| **1** | 78.157.167.197 | 49.7167,18.6000 | Moravskoslezsky kraj | Český Těšín | CZ | 78-157-167-197.silesnet.net | AS43709 SilesNet s.r.o. | 0.149 |
| **2** | **62.115.34.78** | **47.0000,8.0000** |  |  | **EU** | **prag-b3-link.telia.net** | **AS1299 Telia Company AB** | **6.741** |
| **3** | 213.155.132.182 | 47.0000,8.0000 |  |  | EU | win-bb2-link.telia.net | AS1299 Telia Company AB | 12.236 |
| **4** | 80.91.246.140 | 47.0000,8.0000 |  |  | EU | ffm-bb4-link.telia.net | AS1299 Telia Company AB | 13.607 |
| **5** | 62.115.124.87 | 47.0000,8.0000 |  |  | EU | mei-b1-link.telia.net | AS1299 Telia Company AB | 45.852 |
| **6** | 62.115.12.134 | 47.0000,8.0000 |  |  | EU | edgenetwork-ic-311812-mei-b1.c.telia.net | AS1299 Telia Company AB | 49.276 |
| **7** | **204.15.23.221** | **37.3762,-122.1826** | **California** | **Palo Alto** | **US** | **po104.psw04.mrs1.tfbnw.net** | **AS32934 Facebook, Inc.** | **34.217** |
| **8** | 173.252.67.19 | 37.4590,-122.1781 | California | Menlo Park | US |  | AS32934 Facebook, Inc. | 34.186 |

Canada - ETHZ

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | **216.234.161.1** | **53.5500,-113.5000** | **Alberta** |  | **CA** | **cat6509-vlan2.edm.tera-byte.com** | **AS13911 Tera-byte Dot Com Inc.** | **0.373** |
| **1** | \* | \* | \* | \* | \* |  |  |  |
| **2** | 64.230.119.234 | 43.6319,-79.3716 |  |  | CA | tcore4-edmonton\_bundle-ether1.net.bell.ca |  | 65.819 |
| **3** | 64.230.77.107 | 43.6319,-79.3716 |  |  | CA | tcore3-calgaryqa\_tengige0-15-0-9.net.bell.ca |  | 63.609 |
| **4** | 64.230.78.238 | 43.6319,-79.3716 |  |  | CA | tcore4-calgaryqa\_0-9-0-1.net.bell.ca |  | 61.264 |
| **5** | 64.230.79.41 | 43.6319,-79.3716 |  |  | CA | tcore4-montreal01\_1-4-0-0.net.bell.ca |  | 62.301 |
| **6** | 64.230.79.136 | 43.6319,-79.3716 |  |  | CA | tcore3-newyorkaa\_hundredgige0-3-0-0.net.bell.ca |  | 63.44 |
| **7** | 64.230.79.89 | 43.6319,-79.3716 |  |  | CA | bx7-newyork83\_hundredgige0-6-0-0.net.bell.ca |  | 63.417 |
| **8** | \* | \* | \* | \* | \* |  |  |  |
| **9** | **138.187.159.18** | **46.9167,7.4667** | **Bern** | **Bern** | **CH** | **i68geb-005-ten0-1-0-1-7.bb.ip-plus.net** | **AS3303 Swisscom (Switzerland) Ltd** | **150.719** |
| **10** | 138.187.129.65 | 46.9167,7.4667 | Bern | Bern | CH | i68cix-015-bun1.bb.ip-plus.net | AS3303 Swisscom (Switzerland) Ltd | 152.956 |
| **11** | \* | \* | \* | \* | \* |  |  |  |
| **12** | 130.59.38.81 | 47.3667,8.5500 | Zurich | Zurich | CH | swiCE1-B3.switch.ch | AS559 SWITCH | 151.439 |
| **13** | 130.59.36.94 | 47.3667,8.5500 | Zurich | Zurich | CH | swiZH1-100GE-0-1-0-1.switch.ch | AS559 SWITCH | 156.439 |
| **14** | 130.59.38.109 | 47.3667,8.5500 | Zurich | Zurich | CH | swiEZ3-100GE-0-1-0-4.switch.ch | AS559 SWITCH | 161.105 |
| **15** | 192.33.92.1 | 47.3667,8.5500 | Zurich | Zurich | CH | rou-gw-lee-tengig-to-switch.ethz.ch | AS559 SWITCH | 166.594 |
| **16** | 192.33.92.169 | 47.3667,8.5500 | Zurich | Zurich | CH | rou-fw-rz-rz-gw.ethz.ch | AS559 SWITCH | 154.555 |
| **17** | \* | \* | \* | \* | \* |  |  |  |

Canada - Waterloo

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | **216.234.161.1** | **53.5500,-113.5000** | **Alberta** |  | **CA** | **cat6509-vlan2.edm.tera-byte.com** | **AS13911 Tera-byte Dot Com Inc.** | **0.426** |
| **1** | \* | \* | \* | \* | \* |  |  |  |
| **2** | 64.230.119.232 | 43.6319,-79.3716 |  |  | CA | tcore3-edmonton\_be1.net.bell.ca |  | 22.849 |
| **3** | 64.230.77.109 | 43.6319,-79.3716 |  |  | CA | tcore4-vancouver\_tengige0-15-0-5.net.bell.ca |  | 15.736 |
| **4** | 64.230.123.33 | 43.6319,-79.3716 |  |  | CA | bx2-vancouver\_et5-1-0.net.bell.ca |  | 15.818 |
| **5** | 64.230.183.90 | 43.6319,-79.3716 |  |  | CA | allstream-peering.net.bell.ca |  | 15.652 |
| **6** | 199.212.169.202 | 43.6404,-79.3995 | Ontario | Toronto | CA | 10ge4-11.hcap9-tor.bb.allstream.net |  | 54.053 |
| **7** | 199.212.169.202 | 43.6404,-79.3995 | Ontario | Toronto | CA | 10ge4-11.hcap9-tor.bb.allstream.net |  | 53.789 |
| **8** | 216.191.167.38 | 43.9045,-79.3392 | Ontario | Markham | CA |  | AS15290 Allstream Corp. | 55.41 |
| **9** | \* | \* | \* | \* | \* |  |  |  |
| **10** | \* | \* | \* | \* | \* |  |  |  |
| **11** | \* | \* | \* | \* | \* |  |  |  |
| **12** | \* | \* | \* | \* | \* |  |  |  |
| **13** | 129.97.208.23 | 43.4715,-80.5454 | Ontario | Waterloo | CA | wms.uwaterloo.ca | AS12093 University of Waterloo | 55.493 |
| **14** | \* | \* | \* | \* | \* |  |  |  |
| **15** | \* | \* | \* | \* | \* |  |  |  |

Canada - South Africa

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 216.234.161.1 | 53.5500,-113.5000 | Alberta |  | CA | cat6509-vlan2.edm.tera-byte.com | AS13911 Tera-byte Dot Com Inc. | 0.437 |
| **1** | \* | \* | \* | \* | \* |  |  |  |
| **2** | 64.230.119.232 | 43.6319,-79.3716 |  |  | CA | tcore3-edmonton\_be1.net.bell.ca |  | 23.557 |
| **3** | 64.230.77.13 | 43.6319,-79.3716 |  |  | CA | tcore3-vancouver\_tengige0-15-0-5.net.bell.ca |  | 22.858 |
| **4** | 64.230.79.94 | 43.6319,-79.3716 |  |  | CA | tcore4-seattle\_hundredgige0-5-0-0.net.bell.ca |  | 18.768 |
| **5** | 64.230.125.231 | 43.6319,-79.3716 |  |  | CA | bx4-seattle\_ae2.net.bell.ca |  | 18.063 |
| **6** | **38.104.126.81** | **47.6738,-122.3419** | **Washington** | **Seattle** | **US** | **be4331.ccr21.sea02.atlas.cogentco.com** | **AS174 Cogent Communications** | **19.455** |
| **7** | 154.54.2.198 | 37.7510,-97.8220 |  |  | US | be2085.ccr21.slc01.atlas.cogentco.com | AS174 Cogent Communications | 38.608 |
| **8** | 154.54.41.146 | 37.7510,-97.8220 |  |  | US | be3037.ccr21.den01.atlas.cogentco.com | AS174 Cogent Communications | 59.641 |
| **9** | 154.54.31.90 | 37.7510,-97.8220 |  |  | US | be3036.ccr22.mci01.atlas.cogentco.com | AS174 Cogent Communications | 53.665 |
| **10** | 154.54.42.166 | 37.7510,-97.8220 |  |  | US | be2831.ccr41.ord01.atlas.cogentco.com | AS174 Cogent Communications | 59.538 |
| **11** | 154.54.6.222 | 37.7510,-97.8220 |  |  | US | be2717.ccr21.cle04.atlas.cogentco.com | AS174 Cogent Communications | 67.037 |
| **12** | 154.54.29.174 | 37.7510,-97.8220 |  |  | US | be2879.ccr22.alb02.atlas.cogentco.com | AS174 Cogent Communications | 77.892 |
| **13** | 154.54.43.9 | 37.7510,-97.8220 |  |  | US | be2299.ccr31.bos01.atlas.cogentco.com | AS174 Cogent Communications | 75.113 |
| **14** | 154.54.1.177 | 37.7510,-97.8220 |  |  | US | be2983.ccr42.lon13.atlas.cogentco.com | AS174 Cogent Communications | 137.754 |
| **15** | 154.54.58.186 | 37.7510,-97.8220 |  |  | US | be2871.ccr21.lon01.atlas.cogentco.com | AS174 Cogent Communications | 138.649 |
| **16** | 154.54.56.238 | 37.7510,-97.8220 |  |  | US | be2866.rcr21.b015533-1.lon01.atlas.cogentco.com | AS174 Cogent Communications | 144.212 |
| **17** | **149.14.80.210** | **51.5000,-0.1500** | **England** | **Mayfair** | **GB** |  | **AS174 Cogent Communications** | **137.606** |
| **18** | **196.32.209.170** | **-29.0000,24.0000** |  |  | **ZA** | **ae1-1001-cpt1-ir1-i.tenet.ac.za** | **AS36944 Ubuntunet Alliance For Research and Education Networking** | **283.554** |
| **19** | 155.232.64.69 | -33.9833,18.4000 | Western Cape | Wynberg | ZA |  | AS2018 TENET (The UNINET Project) | 277.924 |
| **20** | 155.232.32.14 | -33.9833,18.4000 | Western Cape | Wynberg | ZA |  | AS2018 TENET (The UNINET Project) | 285.862 |
| **21** | \* | \* | \* | \* | \* |  |  |  |

Canada -IIT Delhi

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 216.234.161.1 | 53.5500,-113.5000 | Alberta |  | CA | cat6509-vlan2.edm.tera-byte.com | AS13911 Tera-byte Dot Com Inc. | 0.478 |
| **1** | \* | \* | \* | \* | \* |  |  |  |
| **2** | 64.230.119.232 | 43.6319,-79.3716 |  |  | CA | tcore3-edmonton\_be1.net.bell.ca |  | 37.69 |
| **3** | 64.230.77.13 | 43.6319,-79.3716 |  |  | CA | tcore3-vancouver\_tengige0-15-0-5.net.bell.ca |  | 35.783 |
| **4** | 64.230.79.92 | 43.6319,-79.3716 |  |  | CA | tcore3-seattle\_hundredgige0-5-0-0.net.bell.ca |  | 36.793 |
| **5** | 64.230.186.54 | 43.6319,-79.3716 |  |  | CA | bx2-paloalto\_xe7-0-0\_0.net.bell.ca |  | 35.213 |
| **6** | 198.32.176.120 | 29.7431,-95.4446 | Texas | Houston | US | XCR1.PAL.CW.net |  | 37.047 |
| **7** | 195.2.30.38 | 47.0000,8.0000 |  |  | EU | ae1-xcr2.nyk.cw.net | AS1273 Vodafone Group PLC | 150.133 |
| **8** | 195.2.25.70 | 51.4964,-0.1224 |  |  | GB | ae0-xcr1.nyh.cw.net | AS1273 Vodafone Group PLC | 147.693 |
| **9** | 195.2.28.170 | 47.0000,8.0000 |  |  | EU | ae3-xcr1.slo.cw.net | AS1273 Vodafone Group PLC | 148.336 |
| **10** | 195.2.24.70 | 47.0000,8.0000 |  |  | EU | ae5-xcr1.lsh.cw.net | AS1273 Vodafone Group PLC | 147.203 |
| **11** | 195.2.25.170 | 51.4964,-0.1224 |  |  | GB | ae36-xcr1.lns.cw.net | AS1273 Vodafone Group PLC | 152.363 |
| **12** | 195.59.77.70 | 51.4964,-0.1224 |  |  | GB | vodafoneindia-gw-xcr1.lns.cw.net | AS1273 Vodafone Group PLC | 149.967 |
| **13** | 182.19.106.202 | 20.0000,77.0000 |  |  | IN |  |  | 263.788 |
| **14** | 118.185.105.13 | 20.0000,77.0000 |  |  | IN |  | AS55410 Vodafone Mobile Services LTD | 284.176 |
| **15** | \* | \* | \* | \* | \* |  |  |  |

Canada - Google

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 216.234.161.1 | 53.5500,-113.5000 | Alberta |  | CA | cat6509-vlan2.edm.tera-byte.com | AS13911 Tera-byte Dot Com Inc. | 0.417 |
| **1** | \* | \* | \* | \* | \* |  |  |  |
| **2** | 205.233.111.108 | 51.0708,-113.6931 | Alberta | Calgary | CA | edtnabkdgr01.bb.telus.com | AS852 TELUS Communications Inc. | 78.973 |
| **3** | 154.11.10.9 | 43.6319,-79.3716 |  |  | CA | ae0.100.STTLWAWBGR80.bb.telus.com | AS852 TELUS Communications Inc. | 29.227 |
| **4** | 72.14.220.6 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 18.686 |
| **5** | 108.170.245.99 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 18.886 |
| **6** | 209.85.248.93 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 17.772 |
| **7** | 72.14.233.182 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 56.982 |
| **8** | 216.239.59.1 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 69.631 |
| **9** | 209.85.254.138 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 66.733 |
| **10** | \* | \* | \* | \* | \* |  |  |  |
| **11** | 108.170.229.255 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 69.17 |
| **12** | 216.58.219.196 | 37.4192,-122.0574 | California | Mountain View | US | lga25s40-in-f196.1e100.net | AS15169 Google Inc. | 69.002 |

Canada - Facebook

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 216.234.161.1 | 53.5500,-113.5000 | Alberta |  | CA | cat6509-vlan2.edm.tera-byte.com | AS13911 Tera-byte Dot Com Inc. | 0.425 |
| **1** | \* | \* | \* | \* | \* |  |  |  |
| **2** | 205.233.111.108 | 51.0708,-113.6931 | Alberta | Calgary | CA | edtnabkdgr01.bb.telus.com | AS852 TELUS Communications Inc. | 1.366 |
| **3** | 154.11.12.201 | 43.6319,-79.3716 |  |  | CA |  | AS852 TELUS Communications Inc. | 23.115 |
| **4** | 213.248.74.220 | 47.0000,8.0000 |  |  | EU | sea-b2-link.telia.net | AS1299 Telia Company AB | 53.378 |
| **5** | 62.115.116.141 | 47.0000,8.0000 |  |  | EU | chi-b21-link.telia.net | AS1299 Telia Company AB | 53.927 |
| **6** | 62.115.140.102 | 47.0000,8.0000 |  |  | EU | nyk-bb4-link.telia.net | AS1299 Telia Company AB | 76.391 |
| **7** | 213.155.135.4 | 47.0000,8.0000 |  |  | EU | prs-bb3-link.telia.net | AS1299 Telia Company AB | 172.529 |
| **8** | 62.115.122.199 | 47.0000,8.0000 |  |  | EU | mei-b1-link.telia.net | AS1299 Telia Company AB | 176.768 |
| **9** | 62.115.12.134 | 47.0000,8.0000 |  |  | EU | edgenetwork-ic-311812-mei-b1.c.telia.net | AS1299 Telia Company AB | 159.496 |
| **10** | 204.15.22.199 | 37.3762,-122.1826 | California | Palo Alto | US | po104.psw01.mrs1.tfbnw.net | AS32934 Facebook, Inc. | 163.451 |
| **11** | 173.252.67.9 | 37.4590,-122.1781 | California | Menlo Park | US |  | AS32934 Facebook, Inc. | 151.501 |
| **12** | \* | \* | \* | \* | \* |  |  |  |

South Africa - ETHZ

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 129.232.158.150 | -29.0000,24.0000 |  |  | ZA | ge1.fw-hetzner-samrand.truteq.com | AS37153 HETZNER (Pty) Ltd | 0.205 |
| **1** | 129.232.159.193 | -29.0000,24.0000 |  |  | ZA | gw.hsr.truteq.com | AS37153 HETZNER (Pty) Ltd | 1.459 |
| **2** | 197.189.193.33 | -26.1516,28.1787 | Gauteng | Meadowdale | ZA | core-access-switch1-v4001.jnb1.host-h.net | AS37153 HETZNER (Pty) Ltd | 3.887 |
| **3** | 197.189.193.3 | -26.1516,28.1787 | Gauteng | Meadowdale | ZA | core-router2.jnb1.host-h.net | AS37153 HETZNER (Pty) Ltd | 0.384 |
| **4** | 41.66.132.245 | -26.2023,28.0436 | Gauteng | Johanesburg | ZA | 41-66-132-245-f5.customer.xe-0-0-2-gp-sm-dce-2.africainx.net | AS37179 Africa Independent Network Exchange (Pty) LTD (AfricaINX) | 0.35 |
| **5** | 41.84.12.190 | -29.0000,24.0000 |  |  | ZA | core.xe-0-0-3-gp-id-mec-1.za.africainx.net | AS37179 Africa Independent Network Exchange (Pty) LTD (AfricaINX) | 10.853 |
| **6** | 41.84.13.11 | -29.0000,24.0000 |  |  | ZA | core.xe-0-0-0-nl-am-eqx-dce-2.nl.africainx.net | AS37179 Africa Independent Network Exchange (Pty) LTD (AfricaINX) | 182.37 |
| **7** | 80.249.208.33 | 52.3500,4.9167 | North Holland | Amsterdam | NL | swiCE3-10GE-4-1.switch.ch | AS1200 Amsterdam Internet Exchange B.V. | 197.79 |
| **8** | 130.59.38.81 | 47.3667,8.5500 | Zurich | Zurich | CH | swiCE1-B3.switch.ch | AS559 SWITCH | 198.25 |
| **9** | 130.59.36.94 | 47.3667,8.5500 | Zurich | Zurich | CH | swiZH1-100GE-0-1-0-1.switch.ch | AS559 SWITCH | 193.526 |
| **10** | 130.59.38.109 | 47.3667,8.5500 | Zurich | Zurich | CH | swiEZ3-100GE-0-1-0-4.switch.ch | AS559 SWITCH | 195.04 |
| **11** | 192.33.92.1 | 47.3667,8.5500 | Zurich | Zurich | CH | rou-gw-lee-tengig-to-switch.ethz.ch | AS559 SWITCH | 195.376 |
| **12** | 192.33.92.169 | 47.3667,8.5500 | Zurich | Zurich | CH | rou-fw-rz-rz-gw.ethz.ch | AS559 SWITCH | 195.617 |
| **13** | \* | \* | \* | \* | \* |  |  |  |

South Africa - Waterloo

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 129.232.158.150 | -29.0000,24.0000 |  |  | ZA | ge1.fw-hetzner-samrand.truteq.com | AS37153 HETZNER (Pty) Ltd | 0.135 |
| **1** | 129.232.159.193 | -29.0000,24.0000 |  |  | ZA | gw.hsr.truteq.com | AS37153 HETZNER (Pty) Ltd | 2.171 |
| **2** | 197.189.193.33 | -26.1516,28.1787 | Gauteng | Meadowdale | ZA | core-access-switch1-v4001.jnb1.host-h.net | AS37153 HETZNER (Pty) Ltd | 3.014 |
| **3** | 197.189.193.3 | -26.1516,28.1787 | Gauteng | Meadowdale | ZA | core-router2.jnb1.host-h.net | AS37153 HETZNER (Pty) Ltd | 0.275 |
| **4** | 41.66.132.245 | -26.2023,28.0436 | Gauteng | Johanesburg | ZA | 41-66-132-245-f5.customer.xe-0-0-2-gp-sm-dce-2.africainx.net | AS37179 Africa Independent Network Exchange (Pty) LTD (AfricaINX) | 0.379 |
| **5** | 41.84.12.190 | -29.0000,24.0000 |  |  | ZA | core.xe-0-0-3-gp-id-mec-1.za.africainx.net | AS37179 Africa Independent Network Exchange (Pty) LTD (AfricaINX) | 1.685 |
| **6** | 41.84.12.50 | -29.0000,24.0000 |  |  | ZA | core.xe-1-1-0-nl-am-eqx-dce-1.nl.africainx.net | AS37179 Africa Independent Network Exchange (Pty) LTD (AfricaINX) | 182.276 |
| **7** | 176.56.179.139 | 52.3824,4.8995 |  |  | NL |  | AS41095 IPTP LTD | 182.57 |
| **8** | 91.194.117.139 | 51.4964,-0.1224 |  |  | GB | 2-2.r1.1p19b.t2.lnd.uk.iptp.net | AS41095 IPTP LTD | 188.27 |
| **9** | 195.66.224.76 | 51.5092,-0.0955 | England | London | GB | ge-2-1-0.mpr1.lhr2.uk.above.net |  | 178.959 |
| **10** | 64.125.30.52 | 39.9469,-105.2142 | Colorado | Louisville | US | ae11.mpr2.lhr2.uk.zip.zayo.com | AS6461 Zayo Bandwidth | 178.37 |
| **11** | 64.125.30.236 | 39.9469,-105.2142 | Colorado | Louisville | US | ae27.cs1.lhr11.uk.eth.zayo.com | AS6461 Zayo Bandwidth | 255.699 |
| **12** | 64.125.29.126 | 39.9469,-105.2142 | Colorado | Louisville | US | ae5.cs1.lga5.us.eth.zayo.com | AS6461 Zayo Bandwidth | 255.681 |
| **13** | 64.125.30.251 | 39.9469,-105.2142 | Colorado | Louisville | US | ae27.cr1.lga5.us.zip.zayo.com | AS6461 Zayo Bandwidth | 255.621 |
| **14** | 64.125.20.77 | 39.9469,-105.2142 | Colorado | Louisville | US | ae10.mpr3.lga7.us.zip.zayo.com | AS6461 Zayo Bandwidth | 255.717 |
| **15** | 216.191.65.133 | 43.6496,-79.3833 | Ontario | Toronto | CA | fe6-6.gwy1-van.bb.allstream.net | AS15290 Allstream Corp. | 261.908 |
| **16** | 199.212.169.202 | 43.6404,-79.3995 | Ontario | Toronto | CA | 10ge4-11.hcap9-tor.bb.allstream.net |  | 271.115 |
| **17** | 199.212.169.202 | 43.6404,-79.3995 | Ontario | Toronto | CA | 10ge4-11.hcap9-tor.bb.allstream.net |  | 271.034 |
| **18** | 216.191.167.38 | 43.9045,-79.3392 | Ontario | Markham | CA |  | AS15290 Allstream Corp. | 270.682 |
| **19** | \* | \* | \* | \* | \* |  |  |  |
| **20** | \* | \* | \* | \* | \* |  |  |  |
| **21** | \* | \* | \* | \* | \* |  |  |  |
| **22** | \* | \* | \* | \* | \* |  |  |  |
| **23** | 129.97.208.23 | 43.4715,-80.5454 | Ontario | Waterloo | CA | wms.uwaterloo.ca | AS12093 University of Waterloo | 271.215 |
| **24** | \* | \* | \* | \* | \* |  |  |  |

South Africa - South Africa

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 129.232.158.150 | -29.0000,24.0000 |  |  | ZA | ge1.fw-hetzner-samrand.truteq.com | AS37153 HETZNER (Pty) Ltd | 0.164 |
| **1** | 129.232.159.193 | -29.0000,24.0000 |  |  | ZA | gw.hsr.truteq.com | AS37153 HETZNER (Pty) Ltd | 1.49 |
| **2** | 197.189.193.33 | -26.1516,28.1787 | Gauteng | Meadowdale | ZA | core-access-switch1-v4001.jnb1.host-h.net | AS37153 HETZNER (Pty) Ltd | 1.425 |
| **3** | 197.189.193.3 | -26.1516,28.1787 | Gauteng | Meadowdale | ZA | core-router2.jnb1.host-h.net | AS37153 HETZNER (Pty) Ltd | 0.327 |
| **4** | 196.223.14.33 | -29.0000,24.0000 |  |  | ZA | tenet.jinx.net.za |  | 3.89 |
| **5** | 155.232.129.16 | -33.9833,18.4000 | Western Cape | Wynberg | ZA |  | AS2018 TENET (The UNINET Project) | 1.985 |
| **6** | \* | \* | \* | \* | \* |  |  |  |
| **7** | \* | \* | \* | \* | \* |  |  |  |
| **8** | 155.232.64.73 | -33.9833,18.4000 | Western Cape | Wynberg | ZA |  | AS2018 TENET (The UNINET Project) | 18.258 |
| **9** | 155.232.27.78 | -23.9045,29.4689 | Limpopo | Polokwane | ZA |  | AS2018 TENET (The UNINET Project) | 18.47 |
| **10** | \* | \* | \* | \* | \* |  |  |  |

South- Africa - IIT Delhi

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 129.232.158.150 | -29.0000,24.0000 |  |  | ZA | ge1.fw-hetzner-samrand.truteq.com | AS37153 HETZNER (Pty) Ltd | 0.169 |
| **1** | 129.232.159.193 | -29.0000,24.0000 |  |  | ZA | gw.hsr.truteq.com | AS37153 HETZNER (Pty) Ltd | 3.298 |
| **2** | 197.189.193.33 | -26.1516,28.1787 | Gauteng | Meadowdale | ZA | core-access-switch1-v4001.jnb1.host-h.net | AS37153 HETZNER (Pty) Ltd | 1.084 |
| **3** | 197.189.193.3 | -26.1516,28.1787 | Gauteng | Meadowdale | ZA | core-router2.jnb1.host-h.net | AS37153 HETZNER (Pty) Ltd | 0.324 |
| **4** | 41.66.132.245 | -26.2023,28.0436 | Gauteng | Johanesburg | ZA | 41-66-132-245-f5.customer.xe-0-0-2-gp-sm-dce-2.africainx.net | AS37179 Africa Independent Network Exchange (Pty) LTD (AfricaINX) | 0.425 |
| **5** | 41.84.12.190 | -29.0000,24.0000 |  |  | ZA | core.xe-0-0-3-gp-id-mec-1.za.africainx.net | AS37179 Africa Independent Network Exchange (Pty) LTD (AfricaINX) | 1.632 |
| **6** | 41.84.12.128 | -29.0000,24.0000 |  |  | ZA | core.xe-1-2-0-gb-ld-te-dce-1.gb.africainx.net | AS37179 Africa Independent Network Exchange (Pty) LTD (AfricaINX) | 167.594 |
| **7** | 195.66.224.21 | 51.5092,-0.0955 | England | London | GB | 40ge1-3.core1.lon2.he.net |  | 165.599 |
| **8** | 184.105.223.254 | 37.5497,-121.9621 | California | Fremont | US | 100ge5-1.core1.par2.he.net | AS6939 Hurricane Electric, Inc. | 214.957 |
| **9** | 216.66.89.214 | 37.5497,-121.9621 | California | Fremont | US | flag-as-as15412.10gigabitethernet7-13.core1.par2.he.net | AS6939 Hurricane Electric, Inc. | 175.711 |
| **10** | 85.95.27.185 | 51.4964,-0.1224 |  |  | GB |  | AS15412 Reliance Globalcom Limited | 177.772 |
| **11** | 85.95.26.201 | 51.4964,-0.1224 |  |  | GB | xe-2-0-0.0.pjr03.mmb004.flagtel.com | AS15412 Reliance Globalcom Limited | 318.387 |
| **12** | \* | \* | \* | \* | \* |  |  |  |
| **13** | \* | \* | \* | \* | \* |  |  |  |
| **14** | 124.124.195.101 | 18.9750,72.8258 | Maharashtra | Mumbai | IN |  | AS18101 Reliance Communication Ltd 20060606 | 316.981 |

South Africa - Google

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 129.232.158.150 | -29.0000,24.0000 |  |  | ZA | ge1.fw-hetzner-samrand.truteq.com | AS37153 HETZNER (Pty) Ltd | 0.148 |
| **1** | 129.232.159.193 | -29.0000,24.0000 |  |  | ZA | gw.hsr.truteq.com | AS37153 HETZNER (Pty) Ltd | 2.101 |
| **2** | 197.189.193.33 | -26.1516,28.1787 | Gauteng | Meadowdale | ZA | core-access-switch1-v4001.jnb1.host-h.net | AS37153 HETZNER (Pty) Ltd | 3.178 |
| **3** | 197.189.193.3 | -26.1516,28.1787 | Gauteng | Meadowdale | ZA | core-router2.jnb1.host-h.net | AS37153 HETZNER (Pty) Ltd | 0.265 |
| **4** | 196.223.14.41 | -29.0000,24.0000 |  |  | ZA |  |  | 2.073 |
| **5** | 72.14.234.161 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 160.748 |
| **6** | 216.239.58.133 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 161.191 |
| **7** | 108.177.3.62 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 239.309 |
| **8** | 209.85.254.238 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 237.85 |
| **9** | \* | \* | \* | \* | \* |  |  |  |
| **10** | 108.170.230.1 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 237.686 |
| **11** | 216.58.219.196 | 37.4192,-122.0574 | California | Mountain View | US | lga25s40-in-f196.1e100.net | AS15169 Google Inc. | 238.053 |

South Africa - Facebook

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 129.232.158.150 | -29.0000,24.0000 |  |  | ZA |  | AS37153 HETZNER (Pty) Ltd | 0.208 |
| **1** | 129.232.159.193 | -29.0000,24.0000 |  |  | ZA | gw.hsr.truteq.com | AS37153 HETZNER (Pty) Ltd | 1.71 |
| **2** | 197.189.193.33 | -26.1516,28.1787 | Gauteng | Meadowdale | ZA | core-access-switch1-v4001.jnb1.host-h.net | AS37153 HETZNER (Pty) Ltd | 2.708 |
| **3** | 197.189.193.3 | -26.1516,28.1787 | Gauteng | Meadowdale | ZA | core-router2.jnb1.host-h.net | AS37153 HETZNER (Pty) Ltd | 0.311 |
| **4** | 41.66.132.245 | -26.2023,28.0436 | Gauteng | Johanesburg | ZA | 41-66-132-245-f5.customer.xe-0-0-2-gp-sm-dce-2.africainx.net | AS37179 Africa Independent Network Exchange (Pty) LTD (AfricaINX) | 0.451 |
| **5** | 41.84.13.201 | -29.0000,24.0000 |  |  | ZA | core.xe-0-0-0-gp-id-pbr-1.za.africainx.net | AS37179 Africa Independent Network Exchange (Pty) LTD (AfricaINX) | 1.695 |
| **6** | 41.84.12.50 | -29.0000,24.0000 |  |  | ZA | core.xe-1-1-0-nl-am-eqx-dce-1.nl.africainx.net | AS37179 Africa Independent Network Exchange (Pty) LTD (AfricaINX) | 182.339 |
| **7** | 213.19.192.133 | 51.4964,-0.1224 |  |  | GB | 10-2-4.ear2.Amsterdam1.Level3.net | AS3356 Level 3 Communications, Inc. | 182.688 |
| **8** | \* | \* | \* | \* | \* |  |  |  |
| **9** | 4.68.72.38 | 39.7392,-104.9847 | Colorado |  | US | Cogent-level3-100G.Amsterdam1.Level3.net | AS3356 Level 3 Communications, Inc. | 175.612 |
| **10** | 62.115.141.194 | 47.0000,8.0000 |  |  | EU | adm-bb4-link.telia.net | AS1299 Telia Company AB | 173.882 |
| **11** | 154.54.56.174 | 37.7510,-97.8220 |  |  | US | be12266.ccr42.par01.atlas.cogentco.com | AS174 Cogent Communications | 183.514 |
| **12** | 130.117.49.154 | 38.0000,-97.0000 |  |  | US | be3092.ccr21.mrs01.atlas.cogentco.com | AS174 Cogent Communications | 194.041 |
| **13** | 149.14.124.114 | 37.7510,-97.8220 |  |  | US |  | AS174 Cogent Communications | 184.874 |
| **14** | 204.15.23.15 | 37.3762,-122.1826 | California | Palo Alto | US | po104.psw03.mrs1.tfbnw.net | AS32934 Facebook, Inc. | 181.832 |
| **15** | 173.252.67.17 | 37.4590,-122.1781 | California | Menlo Park | US |  | AS32934 Facebook, Inc. | 182.978 |
| **16** | \* | \* | \* | \* | \* |  |  |  |

Argentina - ETHZ

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 200.26.189.127 | -34.6033,-58.3816 | Buenos Aires F.D. | Buenos Aires | AR | host127.baires01.com.ar | AS18747 IFX Corporation | 0.114 |
| **1** | 200.61.128.226 | -34.6033,-58.3816 | Distrito Federal | Buenos Aires | AR | 226.128.61.200.host.ifxnw.com.ar | AS18747 IFX Corporation | 0.647 |
| **2** | 10.10.50.21 |  |  |  |  |  |  | 129.425 |
| **3** | 173.205.48.169 | 32.7787,-96.8217 | Texas |  | US | ae0-64.cr2-mia1.ip4.gtt.net | AS3257 GTT Communications Inc. | 130.134 |
| **4** | 89.149.131.189 | 53.3472,-6.2439 |  |  | IE | xe-5-3-7.cr0-mia1.ip4.gtt.net | AS3257 GTT Communications Inc. | 130.801 |
| **5** | \* | \* | \* | \* | \* |  |  |  |
| **6** | 4.69.203.66 | 37.7510,-97.8220 |  |  | US | ae-1-10.bar1.Geneva1.Level3.net | AS3356 Level 3 Communications, Inc. | 244.318 |
| **7** | 213.242.73.74 | 51.4964,-0.1224 |  |  | GB | DANTE.bar1.Geneva1.Level3.net | AS3356 Level 3 Communications, Inc. | 244.199 |
| **8** | 130.59.36.210 | 47.3667,8.5500 | Zurich | Zurich | CH | swiCE3-P23.switch.ch | AS559 SWITCH | 266.207 |
| **9** | 130.59.38.81 | 47.3667,8.5500 | Zurich | Zurich | CH | swiCE1-B3.switch.ch | AS559 SWITCH | 247.261 |
| **10** | 130.59.36.94 | 47.3667,8.5500 | Zurich | Zurich | CH | swiZH1-100GE-0-1-0-1.switch.ch | AS559 SWITCH | 246.947 |
| **11** | 130.59.38.109 | 47.3667,8.5500 | Zurich | Zurich | CH | swiEZ3-100GE-0-1-0-4.switch.ch | AS559 SWITCH | 252.252 |
| **12** | 192.33.92.1 | 47.3667,8.5500 | Zurich | Zurich | CH | rou-gw-lee-tengig-to-switch.ethz.ch | AS559 SWITCH | 252.245 |
| **13** | 192.33.92.169 | 47.3667,8.5500 | Zurich | Zurich | CH | rou-fw-rz-rz-gw.ethz.ch | AS559 SWITCH | 252.378 |

Argentina - waterloo

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 200.26.189.127 | -34.6033,-58.3816 | Buenos Aires F.D. | Buenos Aires | AR | host127.baires01.com.ar | AS18747 IFX Corporation | 0.122 |
| **1** | 200.61.128.226 | -34.6033,-58.3816 | Distrito Federal | Buenos Aires | AR | 226.128.61.200.host.ifxnw.com.ar | AS18747 IFX Corporation | 1.251 |
| **2** | 10.10.50.21 |  |  |  |  |  |  | 130.087 |
| **3** | 173.205.48.169 | 32.7787,-96.8217 | Texas |  | US | ae0-64.cr2-mia1.ip4.gtt.net | AS3257 GTT Communications Inc. | 130.082 |
| **4** | 141.136.105.214 | 48.8582,2.3387 |  |  | FR | xe-11-0-0.cr0-tor1.ip4.gtt.net | AS3257 GTT Communications Inc. | 169.141 |
| **5** | 77.67.79.214 | 33.2000,-117.2425 | California | Vista | US | hydroone-gw.ip4.gtt.net | AS3257 GTT Communications Inc. | 174.747 |
| **6** | 142.47.202.10 | 44.0773,-78.7465 | Ontario | Oshawa | CA | x-0-3-0-7.c01.rch.hydroonetelecom.com | AS19752 Hydro One Telecom Inc. | 172.998 |
| **7** | 142.47.202.29 | 44.0773,-78.7465 | Ontario | Oshawa | CA | x-0-3-0-3.c02.tfs.hydroonetelecom.com | AS19752 Hydro One Telecom Inc. | 172.848 |
| **8** | 142.47.203.45 | 44.0773,-78.7465 | Ontario | Oshawa | CA | x-0-7-0-1.p01.tfs.hydroonetelecom.com | AS19752 Hydro One Telecom Inc. | 173.478 |
| **9** | 142.46.4.146 | 43.7196,-79.6854 | Ontario | Brampton | CA |  | AS19752 Hydro One Telecom Inc. | 178.404 |
| **10** | 172.16.31.174 |  |  |  |  |  |  | 177.806 |
| **11** | 172.16.16.67 |  |  |  |  |  |  | 178.336 |
| **12** | 129.97.208.23 | 43.4715,-80.5454 | Ontario | Waterloo | CA | wms.uwaterloo.ca | AS12093 University of Waterloo | 178.425 |
| **13** | 172.16.16.27 |  |  |  |  |  |  | 178.72 |
| **14** | 129.97.208.23 | 43.4715,-80.5454 | Ontario | Waterloo | CA | wms.uwaterloo.ca | AS12093 University of Waterloo | 178.248 |

Argentina - Cape Town

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 200.26.189.127 | -34.6033,-58.3816 | Buenos Aires F.D. | Buenos Aires | AR | host127.baires01.com.ar | AS18747 IFX Corporation | 0.128 |
| **1** | 200.61.128.226 | -34.6033,-58.3816 | Distrito Federal | Buenos Aires | AR | 226.128.61.200.host.ifxnw.com.ar | AS18747 IFX Corporation | 1.581 |
| **2** | 10.10.50.21 |  |  |  |  |  |  | 129.508 |
| **3** | 173.205.48.169 | 32.7787,-96.8217 | Texas |  | US | ae0-64.cr2-mia1.ip4.gtt.net | AS3257 GTT Communications Inc. | 129.582 |
| **4** | 141.136.109.125 | 48.8582,2.3387 |  |  | FR | xe-11-1-2.cr0-mia1.ip4.gtt.net | AS3257 GTT Communications Inc. | 129.581 |
| **5** | 154.54.10.201 | 37.7510,-97.8220 |  |  | US | be3257.ccr21.mia03.atlas.cogentco.com | AS174 Cogent Communications | 129.977 |
| **6** | 154.54.80.41 | 37.7510,-97.8220 |  |  | US | be2054.ccr21.mia01.atlas.cogentco.com | AS174 Cogent Communications | 130.21 |
| **7** | 154.54.24.193 | 37.7510,-97.8220 |  |  | US | be2122.ccr41.atl01.atlas.cogentco.com | AS174 Cogent Communications | 144.496 |
| **8** | 154.54.24.221 | 37.7510,-97.8220 |  |  | US | be2113.ccr42.dca01.atlas.cogentco.com | AS174 Cogent Communications | 155.002 |
| **9** | 154.54.40.105 | 37.7510,-97.8220 |  |  | US | be2806.ccr41.jfk02.atlas.cogentco.com | AS174 Cogent Communications | 161.248 |
| **10** | 154.54.30.186 | 37.7510,-97.8220 |  |  | US | be2317.ccr41.lon13.atlas.cogentco.com | AS174 Cogent Communications | 228.954 |
| **11** | 154.54.57.154 | 37.7510,-97.8220 |  |  | US | be2868.ccr21.lon01.atlas.cogentco.com | AS174 Cogent Communications | 237.106 |
| **12** | 154.54.56.238 | 37.7510,-97.8220 |  |  | US | be2866.rcr21.b015533-1.lon01.atlas.cogentco.com | AS174 Cogent Communications | 229.379 |
| **13** | 149.14.80.210 | 51.5000,-0.1500 | England | Mayfair | GB |  | AS174 Cogent Communications | 232.623 |
| **14** | 196.32.209.170 | -29.0000,24.0000 |  |  | ZA | ae1-1001-cpt1-ir1-i.tenet.ac.za | AS36944 Ubuntunet Alliance For Research and Education Networking | 374.975 |
| **15** | 155.232.64.69 | -33.9833,18.4000 | Western Cape | Wynberg | ZA |  | AS2018 TENET (The UNINET Project) | 370.998 |
| **16** | 155.232.32.14 | -33.9833,18.4000 | Western Cape | Wynberg | ZA |  | AS2018 TENET (The UNINET Project) | 370.228 |

Argentina - IIT Delhi

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 200.26.189.127 | -34.6033,-58.3816 | Buenos Aires F.D. | Buenos Aires | AR | host127.baires01.com.ar | AS18747 IFX Corporation | 0.12 |
| **1** | 200.61.128.226 | -34.6033,-58.3816 | Distrito Federal | Buenos Aires | AR | 226.128.61.200.host.ifxnw.com.ar | AS18747 IFX Corporation | 0.376 |
| **2** | 10.10.50.21 |  |  |  |  |  |  | 129.47 |
| **3** | 173.205.48.169 | 32.7787,-96.8217 | Texas |  | US | ae0-64.cr2-mia1.ip4.gtt.net | AS3257 GTT Communications Inc. | 129.538 |
| **4** | 89.149.133.238 | 53.3472,-6.2439 |  |  | IE | xe-0-3-3.cr0-nyc2.ip4.gtt.net | AS3257 GTT Communications Inc. | 160.452 |
| **5** | 199.229.231.170 | 40.7588,-73.9680 | New York | New York | US | flag-telecom-ireland-network-gw.ip4.gtt.net | AS3257 GTT Communications Inc. | 160.381 |
| **6** | 85.95.26.222 | 51.4964,-0.1224 |  |  | GB | xe-8-3-0.0.cjr01.prs001.flagtel.com | AS15412 Reliance Globalcom Limited | 368.586 |
| **7** | 85.95.26.158 | 51.4964,-0.1224 |  |  | GB | xe-0-0-1.0-pjr04.mmb004.flagtel.com | AS15412 Reliance Globalcom Limited | 387.166 |
| **8** | 85.95.26.194 | 51.4964,-0.1224 |  |  | GB | xe-2-1-2.0.pjr04.mmb004.flagtel.com | AS15412 Reliance Globalcom Limited | 361.546 |
| **9** | \* | \* | \* | \* | \* |  |  |  |
| **10** | 124.124.195.101 | 18.9750,72.8258 | Maharashtra | Mumbai | IN |  | AS18101 Reliance Communication Ltd 20060606 | 394.494 |
| **11** | 124.124.195.101 | 18.9750,72.8258 | Maharashtra | Mumbai | IN |  | AS18101 Reliance Communication Ltd 20060606 | 372.179 |

Argentina - Google

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 200.26.189.127 | -34.6033,-58.3816 | Buenos Aires F.D. | Buenos Aires | AR | host127.baires01.com.ar | AS18747 IFX Corporation | 0.129 |
| **1** | 200.61.128.226 | -34.6033,-58.3816 | Distrito Federal | Buenos Aires | AR | 226.128.61.200.host.ifxnw.com.ar | AS18747 IFX Corporation | 0.44 |
| **2** | 200.61.128.254 | -34.6033,-58.3816 | Distrito Federal | Buenos Aires | AR | ge-0-0-0.ARBUE.m20x1 | AS18747 IFX Corporation | 0.897 |
| **3** | 72.14.213.28 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 0.832 |
| **4** | 72.14.235.154 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 0.759 |
| **5** | 209.85.255.249 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 24.083 |
| **6** | 209.85.143.35 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 141.454 |
| **7** | 108.177.3.58 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 144.866 |
| **8** | 209.85.254.128 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 147.818 |
| **9** | \* | \* | \* | \* | \* |  |  |  |
| **10** | 108.170.229.255 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 146.76 |
| **11** | 216.58.219.196 | 37.4192,-122.0574 | California | Mountain View | US | lga25s40-in-f196.1e100.net | AS15169 Google Inc. | 143.677 |

Argentina - Facebook

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 200.26.189.127 | -34.6033,-58.3816 | Buenos Aires F.D. | Buenos Aires | AR | host127.baires01.com.ar | AS18747 IFX Corporation | 0.136 |
| **1** | \* | \* | \* | \* | \* |  |  |  |
| **2** | 200.51.235.225 | -34.6033,-58.3817 |  |  | AR |  | AS10834 Telefonica de Argentina | 138.421 |
| **3** | 200.51.208.62 | -34.6033,-58.3817 |  |  | AR |  | AS22927 Telefonica de Argentina | 138.163 |
| **4** | 213.140.39.118 | 40.4172,-3.6840 |  |  | ES |  | AS12956 Telefonica International Wholesale Services, SL | 135.172 |
| **5** | 5.53.5.62 | 40.4172,-3.6840 |  |  | ES |  | AS12956 Telefonica International Wholesale Services, SL | 135.107 |
| **6** | 213.140.37.13 | 40.4172,-3.6840 |  |  | ES |  | AS12956 Telefonica International Wholesale Services, SL | 135.832 |
| **7** | 213.140.33.164 | 40.4172,-3.6840 |  |  | ES |  | AS12956 Telefonica International Wholesale Services, SL | 135.042 |
| **8** | 154.54.11.157 | 37.7510,-97.8220 |  |  | US | be3017.ccr21.mia03.atlas.cogentco.com | AS174 Cogent Communications | 135.433 |
| **9** | 154.54.11.157 | 37.7510,-97.8220 |  |  | US | be3017.ccr21.mia03.atlas.cogentco.com | AS174 Cogent Communications | 132.459 |
| **10** | 154.54.24.233 | 37.7510,-97.8220 |  |  | US | be2055.ccr22.mia01.atlas.cogentco.com | AS174 Cogent Communications | 132.53 |
| **11** | 154.54.24.193 | 37.7510,-97.8220 |  |  | US | be2122.ccr41.atl01.atlas.cogentco.com | AS174 Cogent Communications | 149.822 |
| **12** | 154.54.40.109 | 37.7510,-97.8220 |  |  | US | be2807.ccr42.jfk02.atlas.cogentco.com | AS174 Cogent Communications | 166.796 |
| **13** | 154.54.40.109 | 37.7510,-97.8220 |  |  | US | be2807.ccr42.jfk02.atlas.cogentco.com | AS174 Cogent Communications | 163.808 |
| **14** | 154.54.57.70 | 37.7510,-97.8220 |  |  | US | be12489.ccr42.par01.atlas.cogentco.com | AS174 Cogent Communications | 246.098 |
| **15** | 154.54.56.130 | 37.7510,-97.8220 |  |  | US | be12497.ccr41.par01.atlas.cogentco.com | AS174 Cogent Communications | 242.689 |
| **16** | 130.117.50.166 | 38.0000,-97.0000 |  |  | US | be3093.ccr22.mrs01.atlas.cogentco.com | AS174 Cogent Communications | 253.396 |
| **17** | 204.15.23.15 | 37.3762,-122.1826 | California | Palo Alto | US | po104.psw03.mrs1.tfbnw.net | AS32934 Facebook, Inc. | 257.844 |
| **18** | 204.15.23.15 | 37.3762,-122.1826 | California | Palo Alto | US | po104.psw03.mrs1.tfbnw.net | AS32934 Facebook, Inc. | 251.155 |
| **19** | 173.252.67.61 | 37.4590,-122.1781 | California | Menlo Park | US |  | AS32934 Facebook, Inc. | 251.291 |

Australia - ETHZ

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 200.26.189.127 | -34.6033,-58.3816 | Buenos Aires F.D. | Buenos Aires | AR | host127.baires01.com.ar | AS18747 IFX Corporation | 0.129 |
| **1** | 200.61.128.226 | -34.6033,-58.3816 | Distrito Federal | Buenos Aires | AR | 226.128.61.200.host.ifxnw.com.ar | AS18747 IFX Corporation | 0.44 |
| **2** | 200.61.128.254 | -34.6033,-58.3816 | Distrito Federal | Buenos Aires | AR | ge-0-0-0.ARBUE.m20x1 | AS18747 IFX Corporation | 0.897 |
| **3** | 72.14.213.28 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 0.832 |
| **4** | 72.14.235.154 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 0.759 |
| **5** | 209.85.255.249 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 24.083 |
| **6** | 209.85.143.35 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 141.454 |
| **7** | 108.177.3.58 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 144.866 |
| **8** | 209.85.254.128 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 147.818 |
| **9** | \* | \* | \* | \* | \* |  |  |  |
| **10** | 108.170.229.255 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 146.76 |
| **11** | 216.58.219.196 | 37.4192,-122.0574 | California | Mountain View | US | lga25s40-in-f196.1e100.net | AS15169 Google Inc. | 143.677 |

Australia- Waterloo

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 203.50.77.49 | -33.4940,143.2104 |  |  | AU | gigabitethernet3-3.exi1.melbourne.telstra.net | AS1221 Telstra Pty Ltd | 0.277 |
| **1** | 203.50.80.1 | -33.4940,143.2104 |  |  | AU | bundle-ether3-100.exi-core10.melbourne.telstra.net | AS1221 Telstra Pty Ltd | 2.367 |
| **2** | 203.50.11.124 | -33.4940,143.2104 |  |  | AU | bundle-ether12.chw-core10.sydney.telstra.net | AS1221 Telstra Pty Ltd | 13.363 |
| **3** | 203.50.6.93 | -33.4940,143.2104 |  |  | AU | bundle-ether1.oxf-gw11.sydney.telstra.net | AS1221 Telstra Pty Ltd | 13.361 |
| **4** | 203.50.13.98 | -33.4940,143.2104 |  |  | AU | bundle-ether1.sydo-core03.sydney.reach.com | AS1221 Telstra Pty Ltd | 12.488 |
| **5** | 202.84.222.54 | 22.2500,114.1667 |  |  | HK | i-0-1-0-15.sydo-core04.bi.telstraglobal.net | AS4637 Telstra Global | 13.613 |
| **6** | 202.84.136.209 | 22.2500,114.1667 |  |  | HK | i-0-4-0-29.1wlt-core02.bx.telstraglobal.net | AS4637 Telstra Global | 156.21 |
| **7** | 202.84.253.82 | 22.2500,114.1667 |  |  | HK | i-92.eqla01.bi.telstraglobal.net | AS4637 Telstra Global | 155.902 |
| **8** | 154.54.10.133 | 37.7510,-97.8220 |  |  | US | be4637.ccr41.lax05.atlas.cogentco.com | AS174 Cogent Communications | 195.63 |
| **9** | 154.54.26.41 | 37.7510,-97.8220 |  |  | US | be3033.ccr22.lax01.atlas.cogentco.com | AS174 Cogent Communications | 195.628 |
| **10** | 154.54.45.161 | 37.7510,-97.8220 |  |  | US | be2932.ccr22.phx02.atlas.cogentco.com | AS174 Cogent Communications | 204.377 |
| **11** | 154.54.42.78 | 37.7510,-97.8220 |  |  | US | be2930.ccr21.elp01.atlas.cogentco.com | AS174 Cogent Communications | 214.3 |
| **12** | 154.54.1.126 | 37.7510,-97.8220 |  |  | US | be3047.ccr22.den01.atlas.cogentco.com | AS174 Cogent Communications | 177.821 |
| **13** | 154.54.31.90 | 37.7510,-97.8220 |  |  | US | be3036.ccr22.mci01.atlas.cogentco.com | AS174 Cogent Communications | 189.137 |
| **14** | 154.54.44.170 | 37.7510,-97.8220 |  |  | US | be2832.ccr42.ord01.atlas.cogentco.com | AS174 Cogent Communications | 201.878 |
| **15** | 154.54.7.130 | 37.7510,-97.8220 |  |  | US | be2718.ccr22.cle04.atlas.cogentco.com | AS174 Cogent Communications | 209.625 |
| **16** | 154.54.31.234 | 37.7510,-97.8220 |  |  | US | be2994.ccr22.yyz02.atlas.cogentco.com | AS174 Cogent Communications | 216.121 |
| **17** | 38.99.202.214 | 29.5075,-95.0895 | Texas | League City | US | university\_of\_waterloo.demarc.cogentco.com | AS174 Cogent Communications | 221.976 |

Australia - Cape Town

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 203.50.77.49 | -33.4940,143.2104 |  |  | AU | gigabitethernet3-3.exi1.melbourne.telstra.net | AS1221 Telstra Pty Ltd | 0.3 |
| **1** | 203.50.80.1 | -33.4940,143.2104 |  |  | AU | bundle-ether3-100.exi-core10.melbourne.telstra.net | AS1221 Telstra Pty Ltd | 2.862 |
| **2** | 203.50.11.124 | -33.4940,143.2104 |  |  | AU | bundle-ether12.chw-core10.sydney.telstra.net | AS1221 Telstra Pty Ltd | 14.486 |
| **3** | 203.50.6.93 | -33.4940,143.2104 |  |  | AU | bundle-ether1.oxf-gw11.sydney.telstra.net | AS1221 Telstra Pty Ltd | 13.232 |
| **4** | 203.50.13.98 | -33.4940,143.2104 |  |  | AU | bundle-ether1.sydo-core03.sydney.reach.com | AS1221 Telstra Pty Ltd | 14.107 |
| **5** | 202.84.222.66 | 22.2500,114.1667 |  |  | HK | i-0-1-0-18.sydo-core04.bi.telstraglobal.net | AS4637 Telstra Global | 14.107 |
| **6** | 202.84.136.209 | 22.2500,114.1667 |  |  | HK | i-0-4-0-29.1wlt-core02.bx.telstraglobal.net | AS4637 Telstra Global | 154.706 |
| **7** | 202.84.253.82 | 22.2500,114.1667 |  |  | HK | i-92.eqla01.bi.telstraglobal.net | AS4637 Telstra Global | 155.527 |
| **8** | 154.54.10.133 | 37.7510,-97.8220 |  |  | US | be4637.ccr41.lax05.atlas.cogentco.com | AS174 Cogent Communications | 199.375 |
| **9** | 154.54.26.41 | 37.7510,-97.8220 |  |  | US | be3033.ccr22.lax01.atlas.cogentco.com | AS174 Cogent Communications | 196.751 |
| **10** | 154.54.44.85 | 37.7510,-97.8220 |  |  | US | be2931.ccr21.phx02.atlas.cogentco.com | AS174 Cogent Communications | 207.296 |
| **11** | 154.54.42.66 | 37.7510,-97.8220 |  |  | US | be2929.ccr21.elp01.atlas.cogentco.com | AS174 Cogent Communications | 214.92 |
| **12** | 154.54.30.161 | 37.7510,-97.8220 |  |  | US | be2928.ccr42.iah01.atlas.cogentco.com | AS174 Cogent Communications | 231.028 |
| **13** | 154.54.28.129 | 37.7510,-97.8220 |  |  | US | be2690.ccr42.atl01.atlas.cogentco.com | AS174 Cogent Communications | 246.4 |
| **14** | 154.54.7.157 | 37.7510,-97.8220 |  |  | US | be2112.ccr41.dca01.atlas.cogentco.com | AS174 Cogent Communications | 214.993 |
| **15** | 154.54.40.109 | 37.7510,-97.8220 |  |  | US | be2807.ccr42.jfk02.atlas.cogentco.com | AS174 Cogent Communications | 218.491 |
| **16** | 154.54.30.186 | 37.7510,-97.8220 |  |  | US | be2317.ccr41.lon13.atlas.cogentco.com | AS174 Cogent Communications | 282.452 |
| **17** | 154.54.57.162 | 37.7510,-97.8220 |  |  | US | be2869.ccr22.lon01.atlas.cogentco.com | AS174 Cogent Communications | 284.631 |
| **18** | 154.54.56.238 | 37.7510,-97.8220 |  |  | US | be2866.rcr21.b015533-1.lon01.atlas.cogentco.com | AS174 Cogent Communications | 286.448 |
| **19** | 149.14.80.210 | 51.5000,-0.1500 | England | Mayfair | GB |  | AS174 Cogent Communications | 282.626 |

Australia - India

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 203.50.77.49 | -33.4940,143.2104 |  |  | AU | gigabitethernet3-3.exi1.melbourne.telstra.net | AS1221 Telstra Pty Ltd | 0.36 |
| **1** | 203.50.80.1 | -33.4940,143.2104 |  |  | AU | bundle-ether3-100.exi-core10.melbourne.telstra.net | AS1221 Telstra Pty Ltd | 1.34 |
| **2** | 203.50.11.124 | -33.4940,143.2104 |  |  | AU | bundle-ether12.chw-core10.sydney.telstra.net | AS1221 Telstra Pty Ltd | 13.487 |
| **3** | 203.50.6.93 | -33.4940,143.2104 |  |  | AU | bundle-ether1.oxf-gw11.sydney.telstra.net | AS1221 Telstra Pty Ltd | 12.615 |
| **4** | 203.50.13.98 | -33.4940,143.2104 |  |  | AU | bundle-ether1.sydo-core03.sydney.reach.com | AS1221 Telstra Pty Ltd | 12.239 |
| **5** | 202.84.222.54 | 22.2500,114.1667 |  |  | HK | i-0-1-0-15.sydo-core04.bi.telstraglobal.net | AS4637 Telstra Global | 14.113 |
| **6** | 202.84.136.209 | 22.2500,114.1667 |  |  | HK | i-0-4-0-29.1wlt-core02.bx.telstraglobal.net | AS4637 Telstra Global | 153.713 |
| **7** | 202.84.253.82 | 22.2500,114.1667 |  |  | HK | i-92.eqla01.bi.telstraglobal.net | AS4637 Telstra Global | 157.277 |
| **8** | 134.159.63.171 | 37.7510,-97.8220 |  |  | US | unknown.telstraglobal.net | AS10026 PACNET | 153.405 |
| **9** | 64.86.252.65 | 38.9266,-77.3936 | Virginia | Herndon | US | if-ae-6-20.tcore2.LVW-Los-Angeles.as6453.net | AS6453 TATA COMMUNICATIONS (AMERICA) INC | 154.78 |
| **10** | 66.110.59.1 | 38.9266,-77.3936 | Virginia | Herndon | US | if-ae-2-2.tcore1.LVW-Los-Angeles.as6453.net | AS6453 TATA COMMUNICATIONS (AMERICA) INC | 155.277 |
| **11** | 66.110.59.122 | 38.9266,-77.3936 | Virginia | Herndon | US |  | AS6453 TATA COMMUNICATIONS (AMERICA) INC | 277.459 |

Australia - Google

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 200.26.189.127 | -34.6033,-58.3816 | Buenos Aires F.D. | Buenos Aires | AR | host127.baires01.com.ar | AS18747 IFX Corporation | 0.129 |
| **1** | 200.61.128.226 | -34.6033,-58.3816 | Distrito Federal | Buenos Aires | AR | 226.128.61.200.host.ifxnw.com.ar | AS18747 IFX Corporation | 0.44 |
| **2** | 200.61.128.254 | -34.6033,-58.3816 | Distrito Federal | Buenos Aires | AR | ge-0-0-0.ARBUE.m20x1 | AS18747 IFX Corporation | 0.897 |
| **3** | 72.14.213.28 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 0.832 |
| **4** | 72.14.235.154 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 0.759 |
| **5** | 209.85.255.249 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 24.083 |
| **6** | 209.85.143.35 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 141.454 |
| **7** | 108.177.3.58 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 144.866 |
| **8** | 209.85.254.128 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 147.818 |
| **9** | \* | \* | \* | \* | \* |  |  |  |
| **10** | 108.170.229.255 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 146.76 |
| **11** | 216.58.219.196 | 37.4192,-122.0574 | California | Mountain View | US | lga25s40-in-f4.1e100.net | AS15169 Google Inc. | 143.677 |

Australia - Facebook

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 203.50.77.49 | -33.4940,143.2104 |  |  | AU | gigabitethernet3-3.exi1.melbourne.telstra.net | AS1221 Telstra Pty Ltd | 0.292 |
| **1** | 203.50.80.1 | -33.4940,143.2104 |  |  | AU | bundle-ether3-100.exi-core10.melbourne.telstra.net | AS1221 Telstra Pty Ltd | 2.49 |
| **2** | 203.50.11.124 | -33.4940,143.2104 |  |  | AU | bundle-ether12.chw-core10.sydney.telstra.net | AS1221 Telstra Pty Ltd | 12.986 |
| **3** | 203.50.6.93 | -33.4940,143.2104 |  |  | AU | bundle-ether1.oxf-gw11.sydney.telstra.net | AS1221 Telstra Pty Ltd | 13.361 |
| **4** | 203.50.13.98 | -33.4940,143.2104 |  |  | AU | bundle-ether1.sydo-core03.sydney.reach.com | AS1221 Telstra Pty Ltd | 14.11 |
| **5** | 202.84.222.66 | 22.2500,114.1667 |  |  | HK | i-0-1-0-18.sydo-core04.bi.telstraglobal.net | AS4637 Telstra Global | 12.988 |
| **6** | 202.84.136.209 | 22.2500,114.1667 |  |  | HK | i-0-4-0-29.1wlt-core02.bx.telstraglobal.net | AS4637 Telstra Global | 154.213 |
| **7** | 202.84.253.82 | 22.2500,114.1667 |  |  | HK | i-92.eqla01.bi.telstraglobal.net | AS4637 Telstra Global | 154.653 |
| **8** | 154.54.10.133 | 37.7510,-97.8220 |  |  | US | be4637.ccr41.lax05.atlas.cogentco.com | AS174 Cogent Communications | 194.756 |
| **9** | 154.54.27.117 | 37.7510,-97.8220 |  |  | US | be3243.ccr41.lax01.atlas.cogentco.com | AS174 Cogent Communications | 193.131 |
| **10** | 154.54.44.85 | 37.7510,-97.8220 |  |  | US | be2931.ccr21.phx02.atlas.cogentco.com | AS174 Cogent Communications | 206 |
| **11** | 154.54.42.78 | 37.7510,-97.8220 |  |  | US | be2930.ccr21.elp01.atlas.cogentco.com | AS174 Cogent Communications | 214 |
| **12** | 154.54.30.161 | 37.7510,-97.8220 |  |  | US | be2928.ccr42.iah01.atlas.cogentco.com | AS174 Cogent Communications | 230.044 |
| **13** | 154.54.28.69 | 37.7510,-97.8220 |  |  | US | be2687.ccr41.atl01.atlas.cogentco.com | AS174 Cogent Communications | 298.251 |
| **14** | 154.54.24.221 | 37.7510,-97.8220 |  |  | US | be2113.ccr42.dca01.atlas.cogentco.com | AS174 Cogent Communications | 298.503 |
| **15** | 154.54.40.105 | 37.7510,-97.8220 |  |  | US | be2806.ccr41.jfk02.atlas.cogentco.com | AS174 Cogent Communications | 298.379 |
| **16** | 154.54.40.61 | 37.7510,-97.8220 |  |  | US | be2915.ccr21.alb02.atlas.cogentco.com | AS174 Cogent Communications | 298.945 |
| **17** | 154.54.43.21 | 37.7510,-97.8220 |  |  | US | be2104.ccr22.ymq01.atlas.cogentco.com | AS174 Cogent Communications | 300.577 |
| **18** | 154.54.44.165 | 37.7510,-97.8220 |  |  | US | be3043.ccr22.lpl01.atlas.cogentco.com | AS174 Cogent Communications | 299.196 |

Taiwan - ETHZ

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 211.76.96.254 | 25.0418,121.4966 |  | Taipei | TW |  | AS17709 Asia Pacific Telecom | 0.353 |
| **1** | 211.76.96.92 | 25.0418,121.4966 |  | Taipei | TW |  | AS17709 Asia Pacific Telecom | 0.567 |
| **2** | 210.176.44.77 | -33.4940,143.2104 |  |  | AU | unknown.telstraglobal.net | AS4637 Telstra Global | 1.234 |
| **3** | 202.84.225.57 | 22.2500,114.1667 |  |  | HK | i-0-0-2-0.tpei-core04.bi.telstraglobal.net | AS4637 Telstra Global | 3.219 |
| **4** | 202.84.137.162 | 22.2500,114.1667 |  |  | HK | unknown.telstraglobal.net | AS4637 Telstra Global | 19.409 |
| **5** | 202.84.137.210 | 22.2500,114.1667 |  |  | HK | unknown.telstraglobal.net | AS4637 Telstra Global | 233.913 |
| **6** | 202.84.178.153 | 22.2500,114.1667 |  |  | HK |  | AS4637 Telstra Global | 246.621 |
| **7** | 195.66.224.110 | 51.5092,-0.0955 | England | London | GB | lon-0150t202.ip-plus.net |  | 235.275 |
| **8** | 138.187.129.8 | 46.9167,7.4667 | Bern | Bern | CH | i68geb-005-bun20.bb.ip-plus.net | AS3303 Swisscom (Switzerland) Ltd | 267.835 |
| **9** | 138.187.129.65 | 46.9167,7.4667 | Bern | Bern | CH | i68cix-015-bun1.bb.ip-plus.net | AS3303 Swisscom (Switzerland) Ltd | 261.173 |
| **10** | \* | \* | \* | \* | \* |  |  |  |
| **11** | 130.59.38.81 | 47.3667,8.5500 | Zurich | Zurich | CH | swiCE1-B3.switch.ch | AS559 SWITCH | 252.398 |
| **12** | 130.59.36.94 | 47.3667,8.5500 | Zurich | Zurich | CH | swiZH1-100GE-0-1-0-1.switch.ch | AS559 SWITCH | 273.359 |
| **13** | 130.59.38.109 | 47.3667,8.5500 | Zurich | Zurich | CH | swiEZ3-100GE-0-1-0-4.switch.ch | AS559 SWITCH | 263.087 |
| **14** | 192.33.92.1 | 47.3667,8.5500 | Zurich | Zurich | CH | rou-gw-lee-tengig-to-switch.ethz.ch | AS559 SWITCH | 256.462 |
| **15** | 192.33.92.169 | 47.3667,8.5500 | Zurich | Zurich | CH | rou-fw-rz-rz-gw.ethz.ch | AS559 SWITCH | 260.641 |

Taiwan - Waterloo

Taiwan - Cape Town

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 211.76.96.254 | 25.0418,121.4966 |  | Taipei | TW |  | AS17709 Asia Pacific Telecom | 6.079 |
| **1** | 211.76.96.192 | 25.0418,121.4966 |  | Taipei | TW |  | AS17709 Asia Pacific Telecom | 0.558 |
| **2** | 210.176.44.77 | -33.4940,143.2104 |  |  | AU | unknown.telstraglobal.net | AS4637 Telstra Global | 1.203 |
| **3** | 202.84.225.45 | 22.2500,114.1667 |  |  | HK | i-0-0-1-0.ttak-core01.bi.telstraglobal.net | AS4637 Telstra Global | 3.451 |
| **4** | 202.84.140.17 | 22.2500,114.1667 |  |  | HK | i-0-5-0-3.siko-core03.bx.telstraglobal.net | AS4637 Telstra Global | 32.859 |
| **5** | 202.84.138.18 | 22.2500,114.1667 |  |  | HK | unknown.telstraglobal.net | AS4637 Telstra Global | 143.678 |
| **6** | 202.84.247.17 | 22.2500,114.1667 |  |  | HK | unknown.telstraglobal.net | AS4637 Telstra Global | 136.593 |
| **7** | 154.54.11.45 | 37.7510,-97.8220 |  |  | US | be4637.ccr41.sjc03.atlas.cogentco.com | AS174 Cogent Communications | 155.753 |
| **8** | 154.54.5.101 | 37.7510,-97.8220 |  |  | US | be3144.ccr22.sjc01.atlas.cogentco.com | AS174 Cogent Communications | 136.827 |
| **9** | 154.54.43.149 | 37.7510,-97.8220 |  |  | US | be3179.ccr22.sfo01.atlas.cogentco.com | AS174 Cogent Communications | 138.025 |
| **10** | 154.54.44.142 | 37.7510,-97.8220 |  |  | US | be3110.ccr21.slc01.atlas.cogentco.com | AS174 Cogent Communications | 159.207 |
| **11** | 154.54.41.146 | 37.7510,-97.8220 |  |  | US | be3037.ccr21.den01.atlas.cogentco.com | AS174 Cogent Communications | 181.821 |
| **12** | 154.54.5.90 | 37.7510,-97.8220 |  |  | US | be3035.ccr21.mci01.atlas.cogentco.com | AS174 Cogent Communications | 172.457 |
| **13** | 154.54.42.166 | 37.7510,-97.8220 |  |  | US | be2831.ccr41.ord01.atlas.cogentco.com | AS174 Cogent Communications | 193.13 |
| **14** | 154.54.6.222 | 37.7510,-97.8220 |  |  | US | be2717.ccr21.cle04.atlas.cogentco.com | AS174 Cogent Communications | 212.045 |
| **15** | 154.54.26.130 | 37.7510,-97.8220 |  |  | US | be2878.ccr21.alb02.atlas.cogentco.com | AS174 Cogent Communications | 258.054 |
| **16** | 154.54.43.9 | 37.7510,-97.8220 |  |  | US | be2299.ccr31.bos01.atlas.cogentco.com | AS174 Cogent Communications | 255.959 |
| **17** | 154.54.1.118 | 37.7510,-97.8220 |  |  | US | be2982.ccr41.lon13.atlas.cogentco.com | AS174 Cogent Communications | 252.318 |
| **18** | 154.54.58.174 | 37.7510,-97.8220 |  |  | US | be2870.ccr22.lon01.atlas.cogentco.com | AS174 Cogent Communications | 252.444 |
| **19** | 154.54.56.242 | 37.7510,-97.8220 |  |  | US | be2867.rcr21.b015533-1.lon01.atlas.cogentco.com | AS174 Cogent Communications | 257.533 |
| **20** | 149.14.80.210 | 51.5000,-0.1500 | England | Mayfair | GB |  | AS174 Cogent Communications | 260.86 |
| **21** | 196.32.209.170 | -29.0000,24.0000 |  |  | ZA | ae1-1001-cpt1-ir1-i.tenet.ac.za | AS36944 Ubuntunet Alliance For Research and Education Networking | 399.72 |
| **22** | 155.232.64.69 | -33.9833,18.4000 | Western Cape | Wynberg | ZA |  | AS2018 TENET (The UNINET Project) | 398.972 |
| **23** | 155.232.32.14 | -33.9833,18.4000 | Western Cape | Wynberg | ZA |  | AS2018 TENET (The UNINET Project) | 399 |

Taiwan - IIT Delhi

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 211.76.96.254 | 25.0418,121.4966 |  | Taipei | TW |  | AS17709 Asia Pacific Telecom | 0.381 |
| **1** | 211.76.96.92 | 25.0418,121.4966 |  | Taipei | TW |  | AS17709 Asia Pacific Telecom | 0.558 |
| **2** | 210.176.44.77 | -33.4940,143.2104 |  |  | AU | unknown.telstraglobal.net | AS4637 Telstra Global | 1.225 |
| **3** | 202.84.225.45 | 22.2500,114.1667 |  |  | HK | i-0-0-1-0.ttak-core01.bi.telstraglobal.net | AS4637 Telstra Global | 4.68 |
| **4** | 202.84.137.158 | 22.2500,114.1667 |  |  | HK | unknown.telstraglobal.net | AS4637 Telstra Global | 32.037 |
| **5** | 203.190.230.28 | 35.6900,139.6900 |  |  | JP | 4637.tyo.equinix.com |  | 36.193 |
| **6** | 203.190.230.7 | 35.6900,139.6900 |  |  | JP | 15412.tyo.equinix.com |  | 33.025 |
| **7** | 85.95.27.77 | 51.4964,-0.1224 |  |  | GB | ge-3-3-0.0.pjr01.wad001.flagtel.com | AS15412 Reliance Globalcom Limited | 116.103 |
| **8** | 85.95.25.194 | 51.4964,-0.1224 |  |  | GB | so-0-0-0.0.pjr01.hkg005.flagtel.com | AS15412 Reliance Globalcom Limited | 116.37 |
| **9** | 85.95.25.38 | 51.4964,-0.1224 |  |  | GB | so-1-3-0.0.pjr01.hkg005.flagtel.com | AS15412 Reliance Globalcom Limited | 118.533 |
| **10** | 85.95.25.42 | 51.4964,-0.1224 |  |  | GB | xe-2-0-2.0.cjr01.sin001.flagtel.com | AS15412 Reliance Globalcom Limited | 82.461 |
| **11** | 62.216.128.237 | 51.4964,-0.1224 |  |  | GB | xe-0-0-3.0.cjr03.chn001.flagtel.com | AS15412 Reliance Globalcom Limited | 117.759 |
| **12** | 62.216.144.78 | 51.4964,-0.1224 |  |  | GB |  | AS15412 Reliance Globalcom Limited | 117.514 |
| **13** | \* | \* | \* | \* | \* |  |  |  |
| **14** | 124.124.195.101 | 18.9750,72.8258 | Maharashtra | Mumbai | IN |  | AS18101 Reliance Communication Ltd 20060606 | 156.464 |
| **15** | \* | \* | \* | \* | \* |  |  |  |
| **16** | \* | \* | \* | \* | \* |  |  |  |
| **17** | \* | \* | \* | \* | \* |  |  |  |
| **18** | 103.27.9.20 | 28.5531,77.1916 | Delhi | Hauz Khas | IN |  | AS132780 Indian Registry for Internet Names and Numbers | 170.076 |
| **19** | 103.27.9.20 | 28.5531,77.1916 | Delhi | Hauz Khas | IN |  | AS132780 Indian Registry for Internet Names and Numbers | 158.847 |
| **20** | 103.27.9.20 | 28.5531,77.1916 | Delhi | Hauz Khas | IN |  | AS132780 Indian Registry for Internet Names and Numbers | 158.815 |

Taiwan - Google

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 211.76.96.254 | 25.0418,121.4966 |  | Taipei | TW |  | AS17709 Asia Pacific Telecom | 0.338 |
| **1** | 211.76.96.61 | 25.0418,121.4966 |  | Taipei | TW |  | AS17709 Asia Pacific Telecom | 0.368 |
| **2** | 72.14.214.207 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 0.677 |
| **3** | 108.170.244.105 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 1.257 |
| **4** | 72.14.239.101 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 2.38 |
| **5** | 72.14.232.139 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 3.88 |
| **6** | 216.239.42.83 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 118.997 |
| **7** | 209.85.254.35 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 122.525 |
| **8** | 72.14.233.110 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 163.58 |
| **9** | 216.239.59.1 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 178.691 |
| **10** | 209.85.254.238 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 178.722 |
| **11** | \* | \* | \* | \* | \* |  |  |  |
| **12** | 108.170.229.255 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 178.892 |
| **13** | 216.58.219.196 | 37.4192,-122.0574 | California | Mountain View | US | lga25s40-in-f4.1e100.net | AS15169 Google Inc. | 180.506 |

Taiwan - Facebook

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 211.76.96.254 | 25.0418,121.4966 |  | Taipei | TW |  | AS17709 Asia Pacific Telecom | 0.334 |
| **1** | 211.76.96.192 | 25.0418,121.4966 |  | Taipei | TW |  | AS17709 Asia Pacific Telecom | 0.621 |
| **2** | 210.176.44.77 | -33.4940,143.2104 |  |  | AU | unknown.telstraglobal.net | AS4637 Telstra Global | 1.187 |
| **3** | 202.84.225.45 | 22.2500,114.1667 |  |  | HK | i-0-0-1-0.ttak-core01.bi.telstraglobal.net | AS4637 Telstra Global | 3.81 |
| **4** | 202.84.137.153 | 22.2500,114.1667 |  |  | HK | unknown.telstraglobal.net | AS4637 Telstra Global | 32.121 |
| **5** | 202.84.138.18 | 22.2500,114.1667 |  |  | HK | unknown.telstraglobal.net | AS4637 Telstra Global | 143.711 |
| **6** | 202.84.247.17 | 22.2500,114.1667 |  |  | HK | unknown.telstraglobal.net | AS4637 Telstra Global | 136.685 |
| **7** | 154.54.11.45 | 37.7510,-97.8220 |  |  | US | be4637.ccr41.sjc03.atlas.cogentco.com | AS174 Cogent Communications | 154.678 |
| **8** | 154.54.1.193 | 37.7510,-97.8220 |  |  | US | be3142.ccr21.sjc01.atlas.cogentco.com | AS174 Cogent Communications | 142.98 |
| **9** | 154.54.43.69 | 37.7510,-97.8220 |  |  | US | be3178.ccr21.sfo01.atlas.cogentco.com | AS174 Cogent Communications | 137.977 |
| **10** | 154.54.44.138 | 37.7510,-97.8220 |  |  | US | be3109.ccr21.slc01.atlas.cogentco.com | AS174 Cogent Communications | 153.436 |
| **11** | 154.54.41.146 | 37.7510,-97.8220 |  |  | US | be3037.ccr21.den01.atlas.cogentco.com | AS174 Cogent Communications | 181.848 |
| **12** | 154.54.5.90 | 37.7510,-97.8220 |  |  | US | be3035.ccr21.mci01.atlas.cogentco.com | AS174 Cogent Communications | 172.813 |
| **13** | 154.54.42.166 | 37.7510,-97.8220 |  |  | US | be2831.ccr41.ord01.atlas.cogentco.com | AS174 Cogent Communications | 193.454 |
| **14** | 154.54.6.222 | 37.7510,-97.8220 |  |  | US | be2717.ccr21.cle04.atlas.cogentco.com | AS174 Cogent Communications | 212.184 |
| **15** | 154.54.26.130 | 37.7510,-97.8220 |  |  | US | be2878.ccr21.alb02.atlas.cogentco.com | AS174 Cogent Communications | 257.585 |
| **16** | 154.54.43.9 | 37.7510,-97.8220 |  |  | US | be2299.ccr31.bos01.atlas.cogentco.com | AS174 Cogent Communications | 259.28 |
| **17** | 154.54.1.118 | 37.7510,-97.8220 |  |  | US | be2982.ccr41.lon13.atlas.cogentco.com | AS174 Cogent Communications | 252.307 |
| **18** | 154.54.56.130 | 37.7510,-97.8220 |  |  | US | be12497.ccr41.par01.atlas.cogentco.com | AS174 Cogent Communications | 263.616 |
| **19** | 130.117.49.154 | 38.0000,-97.0000 |  |  | US | be3092.ccr21.mrs01.atlas.cogentco.com | AS174 Cogent Communications | 274.905 |
| **20** | 149.14.124.114 | 37.7510,-97.8220 |  |  | US |  | AS174 Cogent Communications | 272.916 |
| **21** | 204.15.22.195 | 37.3762,-122.1826 | California | Palo Alto | US | po103.psw04.mrs1.tfbnw.net | AS32934 Facebook, Inc. | 274.109 |
| **22** | 173.252.67.171 | 37.4590,-122.1781 | California | Menlo Park | US |  | AS32934 Facebook, Inc. | 274.191 |
| **23** | 31.13.75.36 | 53.3472,-6.2439 |  |  | IE | edge-star-mini-shv-01-mrs1.facebook.com | AS32934 Facebook, Inc. | 270.125 |

JIO - ETH

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 192.168.43.1 |  |  |  |  |  |  | 3.725 |
| **1** | \* | \* | \* | \* | \* |  |  |  |
| **2** | 10.71.83.2 |  |  |  |  |  |  | 10.71.83.2 |
| **3** | 172.16.26.245 |  |  |  |  |  |  | 39.893 |
| **4** | 172.26.31.242 |  |  |  |  |  |  | 39.571 |
| **5** | \* | \* | \* | \* | \* |  |  |  |
| **6** | \* | \* | \* | \* | \* |  |  |  |
| **7** | \* | \* | \* | \* | \* |  |  |  |
| **8** | \* | \* | \* | \* | \* |  |  |  |
| **9** | \* | \* | \* | \* | \* |  |  |  |
| **10** | 103.198.140.164 | 1.2855,103.8565 | Central Singapore Community Development Council | Singapore | SG |  | AS64049 Reliance Jio Infocomm Pte.Ltd | 116.365 |
| **11** | 103.198.140.107 | 1.2855,103.8565 | Central Singapore Community Development Council | Singapore | SG |  | AS64049 Reliance Jio Infocomm Pte.Ltd | 348.053 |
| **12** | 149.14.124.185 | 37.7510,-97.8220 |  |  | US | be4508.ccr22.mrs01.atlas.cogentco.com | AS174 Cogent Communications | 409.593 |
| **13** | 130.117.49.114 | 38.0000,-97.0000 |  |  | US | be3081.ccr21.zrh01.atlas.cogentco.com | AS174 Cogent Communications | 614.396 |
| **14** | 154.54.57.174 | 37.7510,-97.8220 |  |  | US | te0-0-0-0.agr12.zrh01.atlas.cogentco.com | AS174 Cogent Communications | 510.355 |
| **15** | 130.117.2.146 | 38.0000,-97.0000 |  |  | US | te0-0-1-0.rcr11.bsl01.atlas.cogentco.com | AS174 Cogent Communications | 170.712 |
| **16** | 149.6.34.6 | 37.7510,-97.8220 |  |  | US |  | AS174 Cogent Communications | 632.612 |
| **17** | 130.59.37.105 | 47.3667,8.5500 | Zurich | Zurich | CH | swiEZ1-10GE-3-1.switch.ch | AS559 SWITCH | 508.696 |
| **18** | 130.59.36.34 | 47.3667,8.5500 | Zurich | Zurich | CH | swiEZ3-B3.switch.ch | AS559 SWITCH | 614.872 |
| **19** | 192.33.92.1 | 47.3667,8.5500 | Zurich | Zurich | CH | rou-gw-lee-tengig-to-switch.ethz.ch | AS559 SWITCH | 614.211 |
| **20** | 192.33.92.169 | 47.3667,8.5500 | Zurich | Zurich | CH | rou-fw-rz-rz-gw.ethz.ch | AS559 SWITCH | 614.421 |

JIO - Waterloo

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | \* | \* | \* | \* | \* |  |  |  |
| **1** | \* | \* | \* | \* | \* |  |  |  |
| **2** | 10.71.83.2 |  |  |  |  |  |  | 39.59 |
| **3** | 172.16.26.245 |  |  |  |  |  |  | 53.778 |
| **4** | 172.26.31.242 |  |  |  |  |  |  | 60.188 |
| **5** | \* | \* | \* | \* | \* |  |  |  |
| **6** | \* | \* | \* | \* | \* |  |  |  |
| **7** | \* | \* | \* | \* | \* |  |  |  |
| **8** | \* | \* | \* | \* | \* |  |  |  |
| **9** | \* | \* | \* | \* | \* |  |  |  |
| **10** | 49.45.4.251 | 18.9750,72.8258 | Maharashtra | Mumbai | IN |  | AS64049 Reliance Jio Infocomm Pte.Ltd | 78.593 |
| **11** | 49.45.4.103 | 18.9750,72.8258 | Maharashtra | Mumbai | IN |  | AS64049 Reliance Jio Infocomm Pte.Ltd | 280.384 |
| **12** | 49.45.4.103 | 18.9750,72.8258 | Maharashtra | Mumbai | IN |  | AS64049 Reliance Jio Infocomm Pte.Ltd | 293.408 |
| **13** | 38.104.85.57 | 39.0734,-94.7177 | Kansas | Kansas City | US | be4918.ccr41.lax05.atlas.cogentco.com | AS174 Cogent Communications | 294.514 |
| **14** | 154.54.27.117 | 37.7510,-97.8220 |  |  | US | be3243.ccr41.lax01.atlas.cogentco.com | AS174 Cogent Communications | 280.293 |
| **15** | 154.54.26.41 | 37.7510,-97.8220 |  |  | US | be3033.ccr22.lax01.atlas.cogentco.com | AS174 Cogent Communications | 545.179 |
| **16** | 154.54.44.85 | 37.7510,-97.8220 |  |  | US | be2931.ccr21.phx02.atlas.cogentco.com | AS174 Cogent Communications | 292.996 |
| **17** | 154.54.42.78 | 37.7510,-97.8220 |  |  | US | be2930.ccr21.elp01.atlas.cogentco.com | AS174 Cogent Communications | 321.436 |
| **18** | 154.54.1.126 | 37.7510,-97.8220 |  |  | US | be3047.ccr22.den01.atlas.cogentco.com | AS174 Cogent Communications | 340.823 |
| **19** | 154.54.31.90 | 37.7510,-97.8220 |  |  | US | be3036.ccr22.mci01.atlas.cogentco.com | AS174 Cogent Communications | 412.852 |
| **20** | 154.54.44.170 | 37.7510,-97.8220 |  |  | US | be2832.ccr42.ord01.atlas.cogentco.com | AS174 Cogent Communications | 350.22 |
| **21** | 154.54.7.130 | 37.7510,-97.8220 |  |  | US | be2718.ccr22.cle04.atlas.cogentco.com | AS174 Cogent Communications | 394.865 |
| **22** | 154.54.31.234 | 37.7510,-97.8220 |  |  | US | be2994.ccr22.yyz02.atlas.cogentco.com | AS174 Cogent Communications | 376.105 |
| **23** | 38.99.202.214 | 29.5075,-95.0895 | Texas | League City | US | university\_of\_waterloo.demarc.cogentco.com | AS174 Cogent Communications | 394.274 |
| **24** | \* | \* | \* | \* | \* |  |  |  |
| **25** | \* | \* | \* | \* | \* |  |  |  |
| **26** | \* | \* | \* | \* | \* |  |  |  |
| **27** | \* | \* | \* | \* | \* |  |  |  |
| **28** | 129.97.208.23 | 43.4715,-80.5454 | Ontario | Waterloo | CA | wms.uwaterloo.ca | AS12093 University of Waterloo | 433.578 |
| **29** | \* | \* | \* | \* | \* |  |  |  |

JIO - CAPE TOWN

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | \* | \* | \* | \* | \* |  |  |  |
| **1** | \* | \* | \* | \* | \* |  |  |  |
| **2** | 10.71.83.18 |  |  |  |  |  |  | 63.513 |
| **3** | 172.16.26.245 |  |  |  |  |  |  | 39.683 |
| **4** | 172.26.31.242 |  |  |  |  |  |  | 52.99 |
| **5** | \* | \* | \* | \* | \* |  |  |  |
| **6** | \* | \* | \* | \* | \* |  |  |  |
| **7** | \* | \* | \* | \* | \* |  |  |  |
| **8** | \* | \* | \* | \* | \* |  |  |  |
| **9** | \* | \* | \* | \* | \* |  |  |  |
| **10** | 103.198.140.164 | 1.2855,103.8565 | Central Singapore Community Development Council | Singapore | SG |  | AS64049 Reliance Jio Infocomm Pte.Ltd | 81.708 |
| **11** | 103.198.140.107 | 1.2855,103.8565 | Central Singapore Community Development Council | Singapore | SG |  | AS64049 Reliance Jio Infocomm Pte.Ltd | 429.094 |
| **12** | 149.14.124.185 | 37.7510,-97.8220 |  |  | US | be4508.ccr22.mrs01.atlas.cogentco.com | AS174 Cogent Communications | 613.663 |
| **13** | 130.117.50.165 | 38.0000,-97.0000 |  |  | US | be3093.ccr42.par01.atlas.cogentco.com | AS174 Cogent Communications | 600.052 |
| **14** | 154.54.57.69 | 37.7510,-97.8220 |  |  | US | be12489.ccr42.lon13.atlas.cogentco.com | AS174 Cogent Communications | 545.726 |
| **15** | 154.54.58.186 | 37.7510,-97.8220 |  |  | US | be2871.ccr21.lon01.atlas.cogentco.com | AS174 Cogent Communications | 599.865 |
| **16** | 154.54.57.162 | 37.7510,-97.8220 |  |  | US | be2869.ccr22.lon01.atlas.cogentco.com | AS174 Cogent Communications | 608.015 |
| **17** | 154.54.58.186 | 37.7510,-97.8220 |  |  | US | be2871.ccr21.lon01.atlas.cogentco.com | AS174 Cogent Communications | 409.182 |
| **18** | 154.54.56.242 | 37.7510,-97.8220 |  |  | US | be2867.rcr21.b015533-1.lon01.atlas.cogentco.com | AS174 Cogent Communications | 613.383 |
| **19** | 154.54.56.238 | 37.7510,-97.8220 |  |  | US | be2866.rcr21.b015533-1.lon01.atlas.cogentco.com | AS174 Cogent Communications | 599.932 |
| **20** | 149.14.80.210 | 51.5000,-0.1500 | England | Mayfair | GB |  | AS174 Cogent Communications | 517.78 |
| **21** | 196.32.209.170 | -29.0000,24.0000 |  |  | ZA | ae1-1001-cpt1-ir1-i.tenet.ac.za | AS36944 Ubuntunet Alliance For Research and Education Networking | 606.378 |
| **22** | 155.232.64.69 | -33.9833,18.4000 | Western Cape | Wynberg | ZA |  | AS2018 TENET (The UNINET Project) | 608.303 |
| **23** | 155.232.32.14 | -33.9833,18.4000 | Western Cape | Wynberg | ZA |  | AS2018 TENET (The UNINET Project) | 617.565 |

JIO - IIT DELHI

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 192.168.43.1 |  |  |  |  |  |  | 2.367 |
| **1** | \* | \* | \* | \* | \* |  |  |  |
| **2** | 10.71.83.2 |  |  |  |  |  |  | 827.78 |
| **3** | 172.16.26.245 |  |  |  |  |  |  | 163.316 |
| **4** | 172.26.31.242 |  |  |  |  |  |  | 61.123 |
| **5** | \* | \* | \* | \* | \* |  |  |  |
| **6** | \* | \* | \* | \* | \* |  |  |  |
| **7** | \* | \* | \* | \* | \* |  |  |  |
| **8** | \* | \* | \* | \* | \* |  |  |  |
| **9** | 124.124.195.101 | 18.9750,72.8258 | Maharashtra | Mumbai | IN |  | AS18101 Reliance Communication Ltd 20060606 | 312.113 |
| **10** | \* | \* | \* | \* | \* |  |  |  |

JIO - GOOGLE

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 192.168.43.1 |  |  |  |  |  |  | 2.667 |
| **1** | \* | \* | \* | \* | \* |  |  |  |
| **2** | 10.71.83.18 |  |  |  |  |  |  | 131.224 |
| **3** | 172.16.26.247 |  |  |  |  |  |  | 91.071 |
| **4** | 172.26.31.246 |  |  |  |  |  |  | 137.099 |
| **5** | \* | \* | \* | \* | \* |  |  |  |
| **6** | \* | \* | \* | \* | \* |  |  |  |
| **7** | \* | \* | \* | \* | \* |  |  |  |
| **8** | 108.170.251.103 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 1123.986 |
| **9** | 108.170.251.114 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 136.532 |
| **10** | 64.233.174.2 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 409.328 |
| **11** | 209.85.246.164 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 614.036 |
| **12** | 72.14.238.106 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 139.771 |
| **13** | 72.14.239.103 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 1074.883 |
| **14** | 72.14.239.99 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 836.481 |
| **15** | 209.85.255.129 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 433.998 |
| **16** | 209.85.247.135 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 426.292 |
| **17** | \* | \* | \* | \* | \* |  |  |  |
| **18** | 209.85.254.19 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 413.678 |
| **19** | 209.85.142.51 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 1998.5 |
| **20** | 72.14.233.182 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 489.686 |
| **21** | 216.239.58.255 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 1525.215 |
| **22** | 209.85.254.138 | 37.7510,-97.8220 |  |  | US |  | AS15169 Google Inc. | 1442.198 |
| **23** | \* | \* | \* | \* | \* |  |  |  |
| **24** | 108.170.229.255 | 37.4192,-122.0574 | California | Mountain View | US |  | AS15169 Google Inc. | 1698.107 |
| **25** | 216.58.219.196 | 37.4192,-122.0574 | California | Mountain View | US | lga25s40-in-f4.1e100.net | AS15169 Google Inc. | 1964.71 |

JIO -FACEBOOK

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|  | **IP** | **Location(Lat,Long)** | **Region** | **City** | **Country** | **Hostname** | **Org** | **Latency** |
| **0** | 192.168.43.1 |  |  |  |  |  |  | 2.149 |
| **1** | \* | \* | \* | \* | \* |  |  |  |
| **2** | 10.71.83.2 |  |  |  |  |  |  | 43.151 |
| **3** | 172.16.26.247 |  |  |  |  |  |  | 37.768 |
| **4** | 172.26.31.246 |  |  |  |  |  |  | 34.904 |
| **5** | \* | \* | \* | \* | \* |  |  |  |
| **6** | \* | \* | \* | \* | \* |  |  |  |
| **7** | \* | \* | \* | \* | \* |  |  |  |
| **8** | \* | \* | \* | \* | \* |  |  |  |
| **9** | \* | \* | \* | \* | \* |  |  |  |
| **10** | 103.198.140.164 | 1.2855,103.8565 | Central Singapore Community Development Council | Singapore | SG |  | AS64049 Reliance Jio Infocomm Pte.Ltd | 91.51 |
| **11** | 103.198.140.27 | 1.2855,103.8565 | Central Singapore Community Development Council | Singapore | SG |  | AS64049 Reliance Jio Infocomm Pte.Ltd | 202.216 |
| **12** | 103.4.99.140 | 1.3667,103.8000 |  |  | SG | ae19.pr01.mrs1.tfbnw.net | AS32934 Facebook, Inc. | 205.749 |
| **13** | 74.119.77.213 | 37.3762,-122.1826 | California | Palo Alto | US | po103.psw03.mrs1.tfbnw.net | AS32934 Facebook, Inc. | 181.953 |
| **14** | 173.252.67.17 | 37.4590,-122.1781 | California | Menlo Park | US |  | AS32934 Facebook, Inc. | 195.099 |
| **15** | 173.252.67.167 | 37.4590,-122.1781 | California | Menlo Park | US |  | AS32934 Facebook, Inc. | 1079.97 |
| **16** | \* | \* | \* | \* | \* |  |  |  |