**Exercise 1: Ping test**

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| --- | --- | --- |
| **Host** | **Result** | **Reason** |
| CSE | **100% packet loss** | Most likely blocked by a firewall to prevent Denial of Service attacks. |
| Cancer Council | **100% packet loss** | Unreachable.  Not the legitimate website (cancercouncil.com.au) |
| Compnet.epfi | 123/132 received packets  6.8% packet loss | N/A reachable |
| Intel | 74/79 received packets  6.3% packet loss | N/A reachable |
| Telstra | 59/67 received packets  11.9% packet loss | N/A reachable |
| Hola.hp | **Cannot resolve, unknown host** | Unreachable.  DNS could not be found. |
| Amazon | 84/84 received packets  0% packet loss | N/A reachable. |
| Wkileaks | 57/58 received packets  1.7% packet loss | N/A reachable. |
| Tsinghua University | 103/106 received packets  2.8% packet loss | N/A reachable. |
| Kremlin | **100% packet loss** | Most likely blocked by a firewall to prevent Denial of Service attacks. |
| 8.8.8.8 | 33/49 received packets  17.5% packet loss | N/A reachable. |

**Exercise 2: Traceroute / Network Topology**

How many routers between my workstation and [www.nyu.edu](http://www.nyu.edu)?

* 16 routers

How many routers along the path are part of UNSW network?

* 0 routers

Between which two routers do packets cross the Pacific Ocean?

* Between #4 and #4
* #4 = still in Australia 🡪 #5 = in United Kingdom

Which router do the paths from your machine to the three destinations diverge?

Info about this router (whois):

Is the number of hops on each proportional with the physical distance? (geographical distance)