

1. Stanford University (STANFO)

2. Google LLC (GOOGL - 2)

3. It goes through several .sunet addresses, and it also looks like it ends on dns.google. Other than that, it just looks like a lot of IP addresses. I'm not really sure how to interpret them. The traceroute to the VM actually ends with a lot of hidden *** addresses, so I'm not seeing where it's located.

4. They definitely don't match exactly, but I do see some of the .sunet endings in both. I assume they don't match entirely because they're taking different paths to the same endpoint of Google.

5. I actually got some strange results when running traceroute on the VM. Every time I ran it it seemed to start and end at local host. I'm not sure if that should be expected because I'm running the VM on my computer or if that's wrong and I should be expecting a route to Google Cloud.

6. The local traceroute is what I would expect, starting at .sunet and hopping through some other addresses at "rtsw". Again, the VM trace routes just seem to be looping from and back to local host.

8. I'm not sure if this was synchronous, but as soon as I ran speedtest, the terminal started printing out "request timeout" for various icmp_seq. I'm not sure exactly what that means.

<https://github.com/tgrifton0/CS197>