

## Pinger Test Results

The minimum RTT for each test is dependent on the distance to the server as expected.

Root server A is located in the US and has the lowest RTT compared to the other root servers.

localhost:

```
Pinging 127.0.0.1 using Python:
36 bytes from 127.0.0.1; time=0.0ms
36 bytes from 127.0.0.1; time=0.0ms
36 bytes from 127.0.0.1; time=0.0ms
36 bytes from 127.0.0.1; time=0.0ms
36 bytes from 127.0.0.1; time=0.0ms
36 bytes from 127.0.0.1; time=0.0ms
36 bytes from 127.0.0.1; time=0.0ms
36 bytes from 127.0.0.1; time=0.0ms
36 bytes from 127.0.0.1; time=0.0ms
36 bytes from 127.0.0.1; time=0.0ms
^C
round-trip min/avg/max 0.010/0.012/0.014 ms
```

cs.stonybrook.edu:

```
Pinging 23.185.0.2 using Python:
36 bytes from 23.185.0.2; time=4.7ms
36 bytes from 23.185.0.2; time=4.7ms
36 bytes from 23.185.0.2; time=3.2ms
36 bytes from 23.185.0.2; time=4.2ms
36 bytes from 23.185.0.2; time=3.1ms
36 bytes from 23.185.0.2; time=5.7ms
36 bytes from 23.185.0.2; time=3.2ms
36 bytes from 23.185.0.2; time=5.1ms
36 bytes from 23.185.0.2; time=6.9ms
36 bytes from 23.185.0.2; time=4.2ms
36 bytes from 23.185.0.2; time=3.3ms
36 bytes from 23.185.0.2; time=4.8ms
^C
round-trip min/avg/max 3.139/4.416/6.899 ms
```

**Root server A:**

```
Pinging 198.41.0.4 using Python:
36 bytes from 198.41.0.4; time=12.2ms
36 bytes from 198.41.0.4; time=12.1ms
36 bytes from 198.41.0.4; time=11.9ms
36 bytes from 198.41.0.4; time=11.9ms
36 bytes from 198.41.0.4; time=11.5ms
36 bytes from 198.41.0.4; time=11.8ms
36 bytes from 198.41.0.4; time=13.3ms
36 bytes from 198.41.0.4; time=11.5ms
^C
round-trip min/avg/max 11.491/12.033/13.281 ms
```

**Root server I:**

```
Pinging 192.36.148.17 using Python:
36 bytes from 192.36.148.17; time=167.5ms
36 bytes from 192.36.148.17; time=165.9ms
36 bytes from 192.36.148.17; time=167.2ms
36 bytes from 192.36.148.17; time=168.0ms
36 bytes from 192.36.148.17; time=166.6ms
36 bytes from 192.36.148.17; time=167.3ms
36 bytes from 192.36.148.17; time=168.6ms
36 bytes from 192.36.148.17; time=165.9ms
36 bytes from 192.36.148.17; time=167.8ms
^C
round-trip min/avg/max 165.869/167.203/168.639 ms
```

**Root server K:**

```
Pinging 193.0.14.129 using Python:
36 bytes from 193.0.14.129; time=34.4ms
36 bytes from 193.0.14.129; time=32.4ms
36 bytes from 193.0.14.129; time=32.3ms
36 bytes from 193.0.14.129; time=33.8ms
36 bytes from 193.0.14.129; time=33.7ms
36 bytes from 193.0.14.129; time=32.4ms
36 bytes from 193.0.14.129; time=35.2ms
36 bytes from 193.0.14.129; time=33.2ms
^C
round-trip min/avg/max 32.258/33.415/35.195 ms
```

Root server M:

```
Pinging 202.12.27.33 using Python:
36 bytes from 202.12.27.33; time=161.0ms
36 bytes from 202.12.27.33; time=158.9ms
36 bytes from 202.12.27.33; time=159.1ms
36 bytes from 202.12.27.33; time=159.0ms
36 bytes from 202.12.27.33; time=160.4ms
36 bytes from 202.12.27.33; time=160.4ms
36 bytes from 202.12.27.33; time=160.4ms
36 bytes from 202.12.27.33; time=161.1ms
^C
round-trip min/avg/max 158.908/160.050/161.134 ms
```