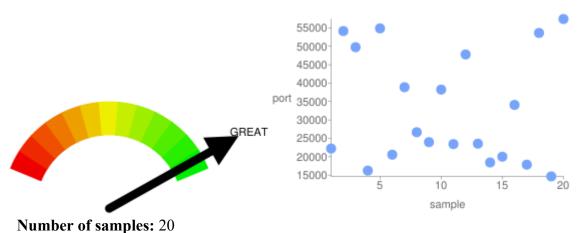
DNS Resolver(s) Tested:

1. 162.158.192.32 appears to have GREAT source port randomness and GREAT transaction ID randomness.

Test time: 2020-11-13 18:59:55 UTC

Note that standard deviation is usually, but not always, a good indicator of randomness. Your brain is a better detector of randomness, so be sure to take a look at the scatter plots below. If you see patterns (such as straight lines), the values are probably less random than reported.

162.158.192.32 Source Port Randomness: GREAT



Unique ports: 20

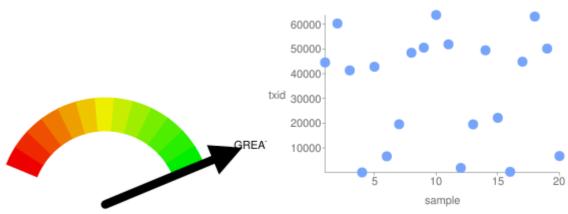
Range: 14642 - 57422

Modified Standard Deviation: 15069 **Bits of Randomness:** 16

Values Seen: 22216 54145 49754 16220 54872 20548 38889 26649 23954 38243

23424 47791 23542 18429 19998 34073 17838 53639 14642 57422

162.158.192.32 Transaction ID Randomness: GREAT



Number of samples: 20

Unique txids: 20

Range: 86 - 63748

Modified Standard Deviation: 22311

Bits of Randomness: 16

Values Seen: 44547 60316 41344 86 42818 6589 19564 48479 50548 63748 51878

1888 19512 49487 22163 320 44865 63118 50162 6698

See CERT VU #800113 for information on the DNS cache poisoning vulnerability.

Run the test again or Return to the test description page.