

Fun With Speed Tests

CAIDA AIMS-19 Workshop

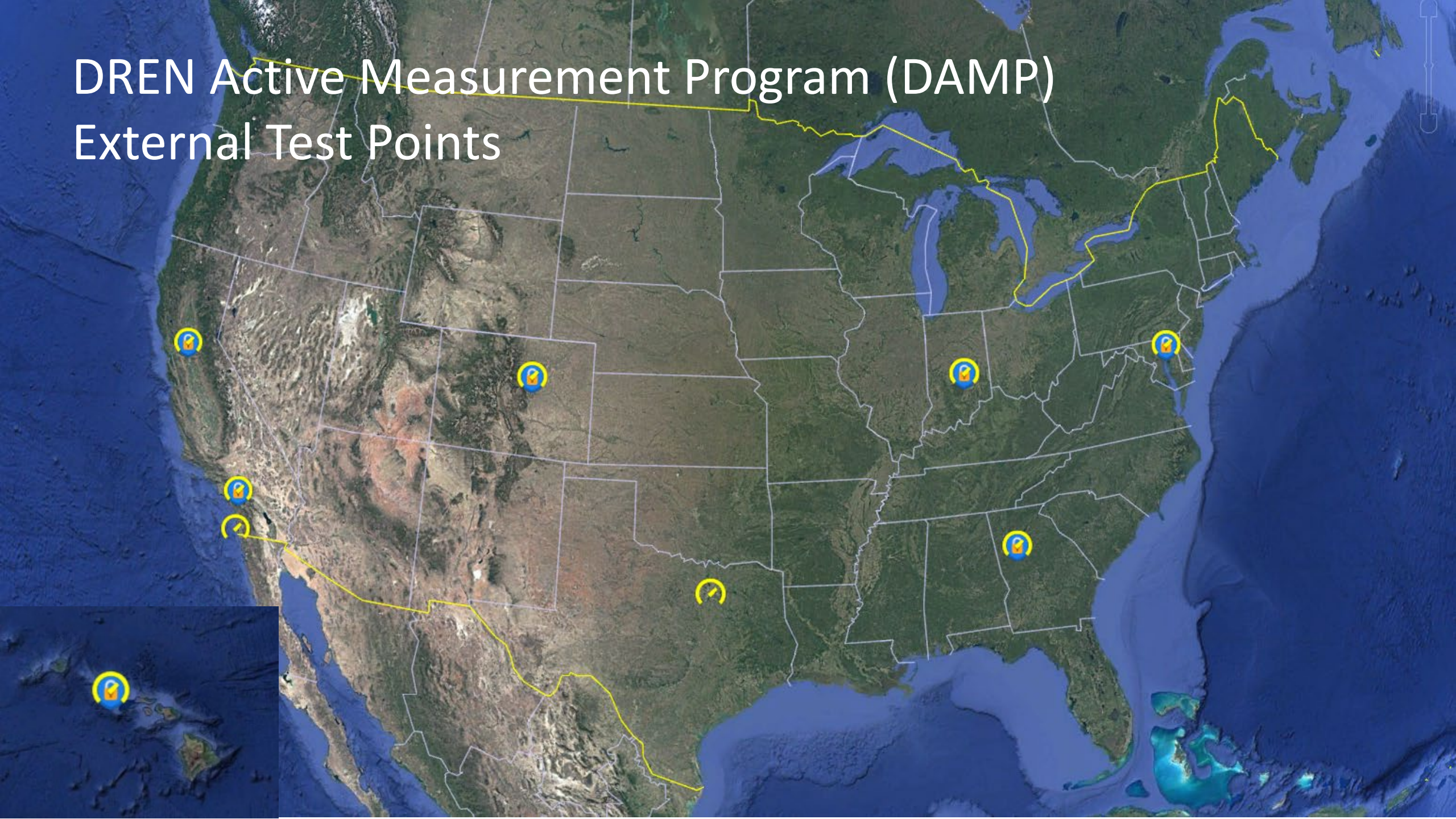
2026-02-24

Phil Dykstra

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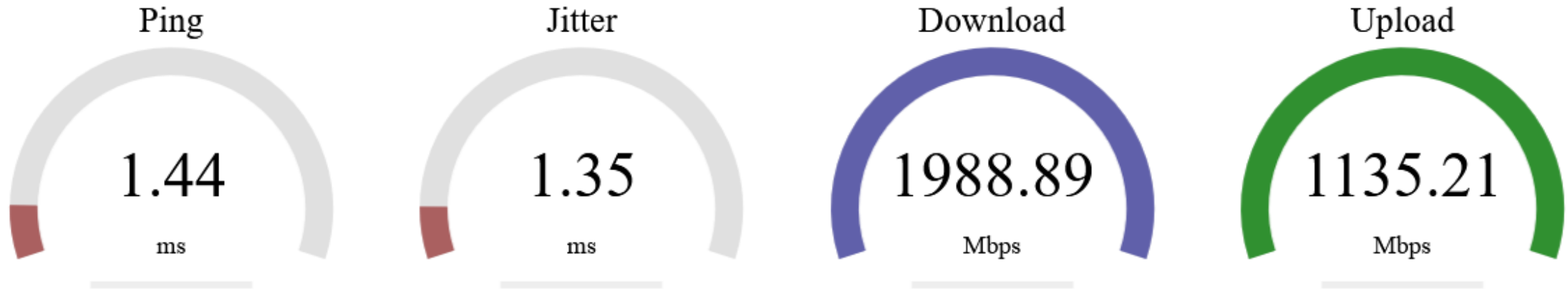


DREN Active Measurement Program (DAMP) External Test Points



DAMP Speed Test (v0.5)

Start



NOTE: This web based test is limited to ~5 Gbps due to browser performance. Chrome is recommended.

<https://damp-px-sandiego.dren.cloud/speedtest/>

<https://damp-px-sandiego.dren.cloud/dst/>

0 directories 6 files 55 MiB total

List Grid

NAME	SIZE	MODIFIED
 UP		
 dst-linux-amd64	11 MiB	1/23/2026, 12:12:26 AM
 dst-linux-arm64	11 MiB	1/23/2026, 12:12:40 AM
 dst-mac-amd64	11 MiB	1/23/2026, 12:12:33 AM
 dst-mac-arm64	10 MiB	1/23/2026, 12:12:29 AM
 dst-win-amd64.exe	11 MiB	1/23/2026, 12:12:36 AM
 README	2.9 KiB	1/23/2026, 12:12:37 AM



PLEASE STAND BY



575

325

06 07 08 09 10 11 12 13 14



Protection history

View the latest protection actions and recommendations from Windows Security.


All recent items

Filters 



Threat restored

1/26/2026 8:44 AM

Severe 

Detected: Trojan:Win32/Bearfoos.B!ml

Status: Restored

This threat or app was restored to your device from quarantine.

Date: 1/26/2026 8:45 AM

Details: This program is dangerous and executes commands from an attacker.

Affected items:

file: C:\Users\Phil\Downloads\dst.exe

[Learn more](#)

DREN Speed Tests, 2026-01-23

9 Hosts ran dst tests (DO DAMPs + San Diego)

x 16 Test Points (8 DO + 8 PX)

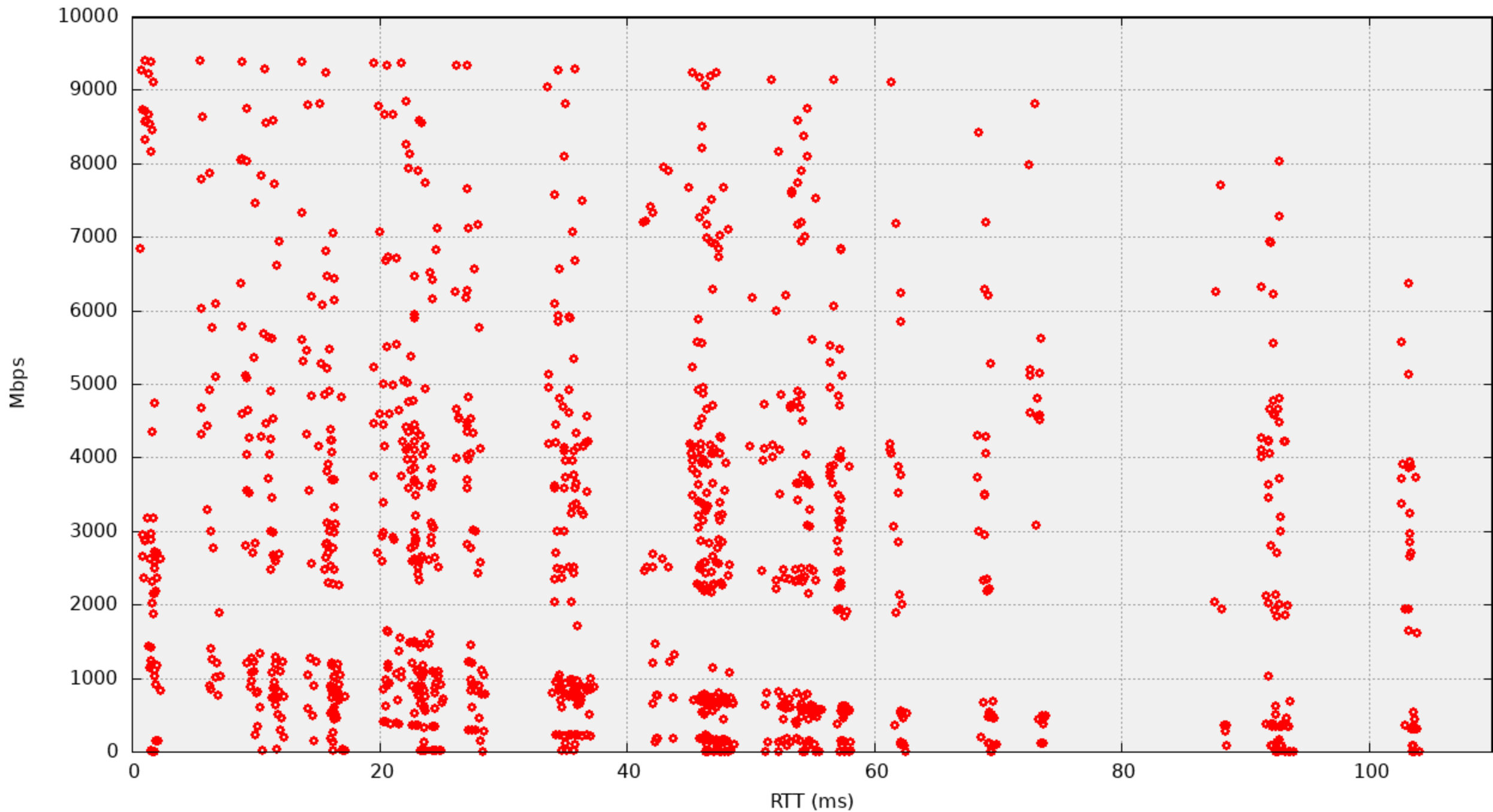
x 5 Protocols (5200, 80, 443 http1/2/3)

x 2 Directions (down, up)

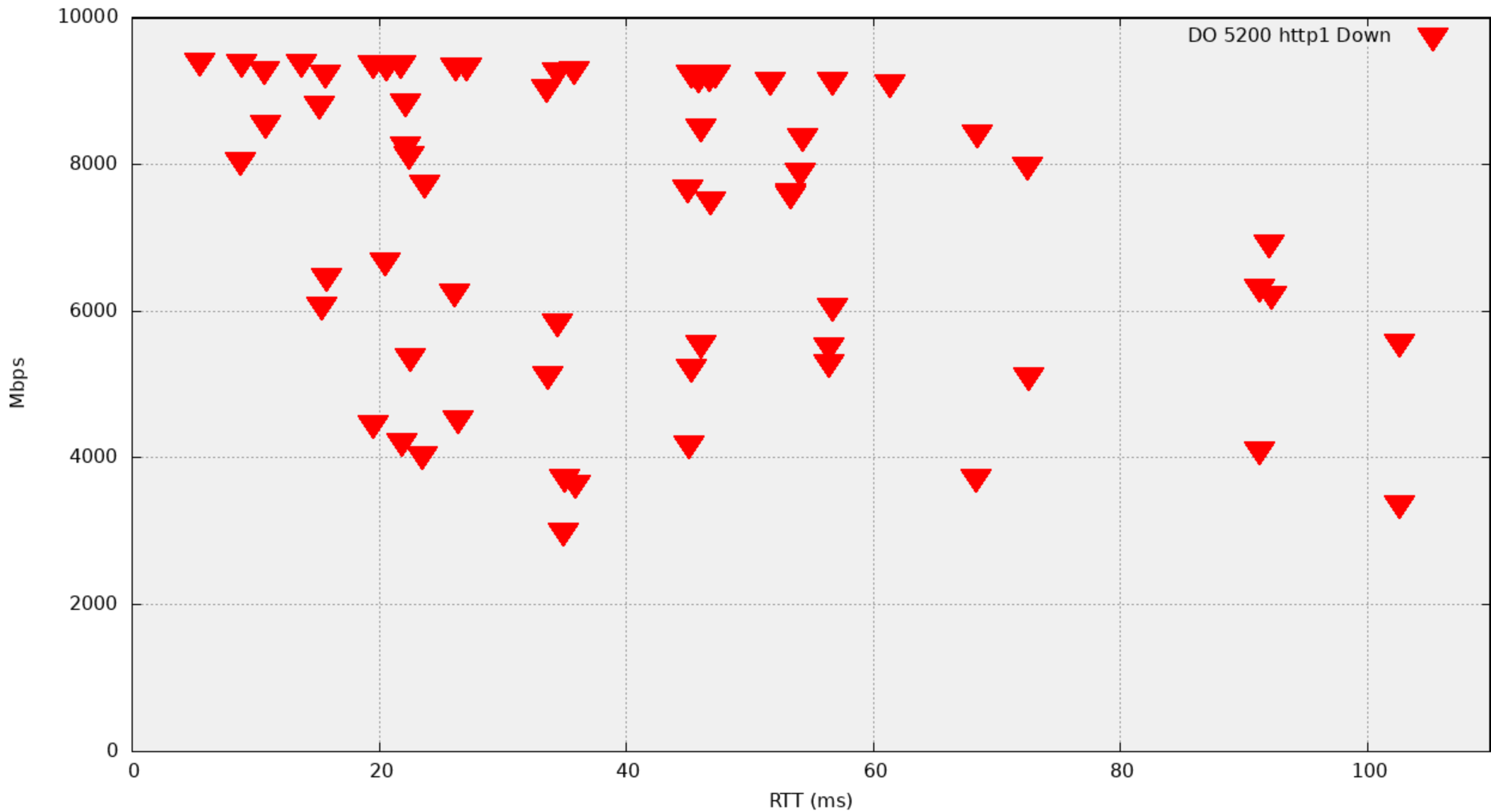
x 1 IPv6

Total 1440 tests over ~5 hours

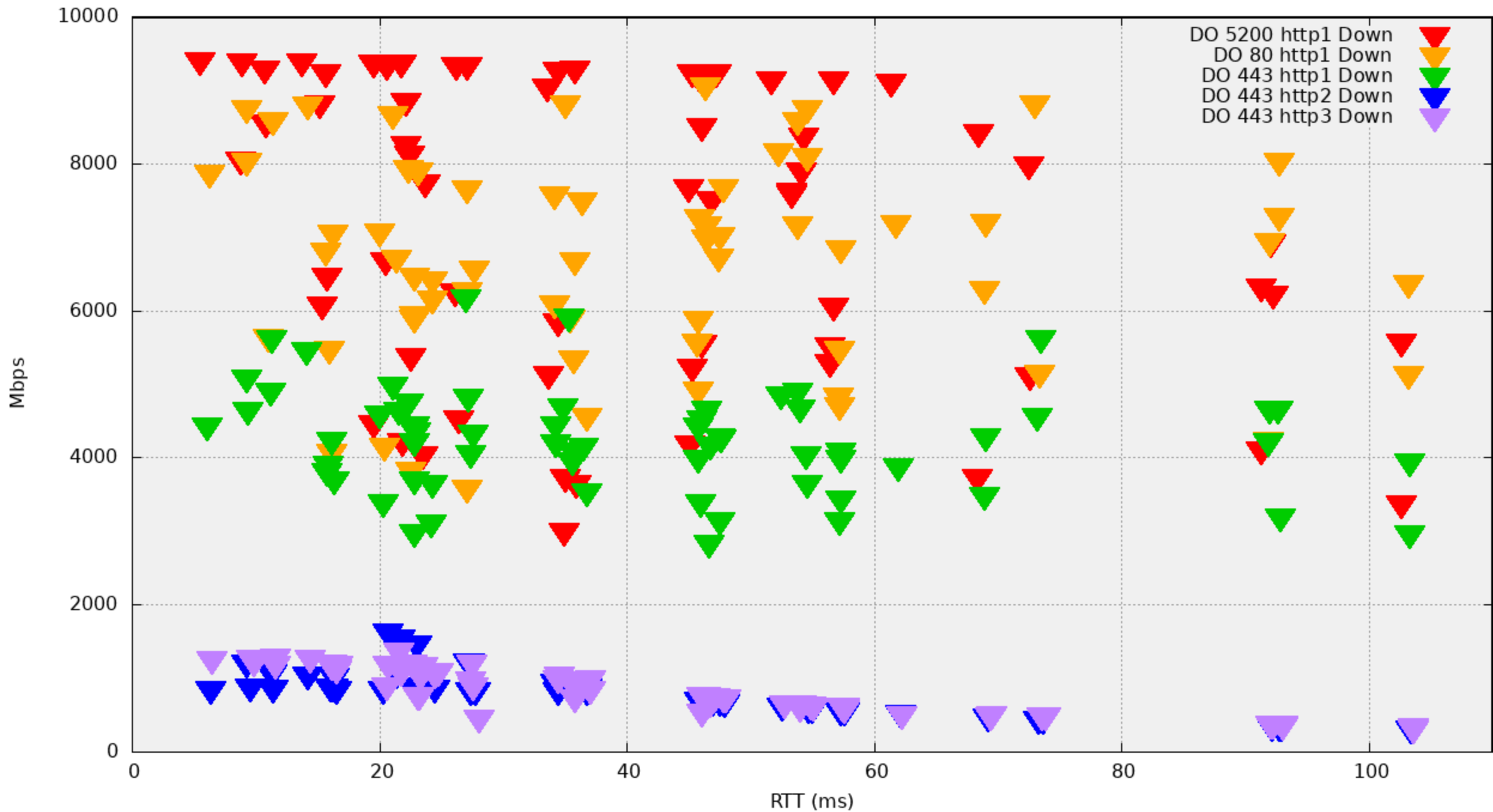
Throughput vs. RTT for all tests



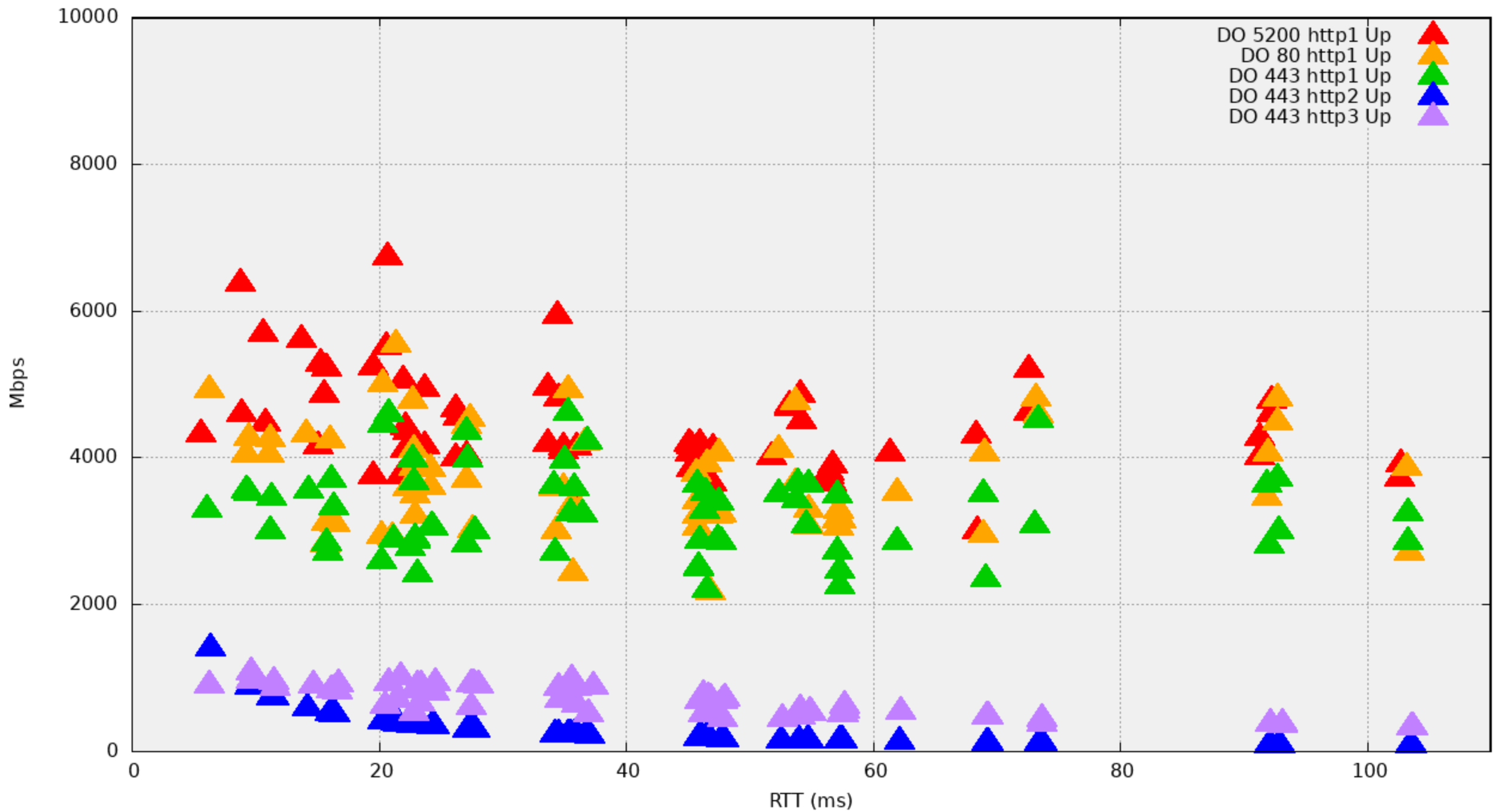
DREN Internal (DO) Downloads, port 5200 http1



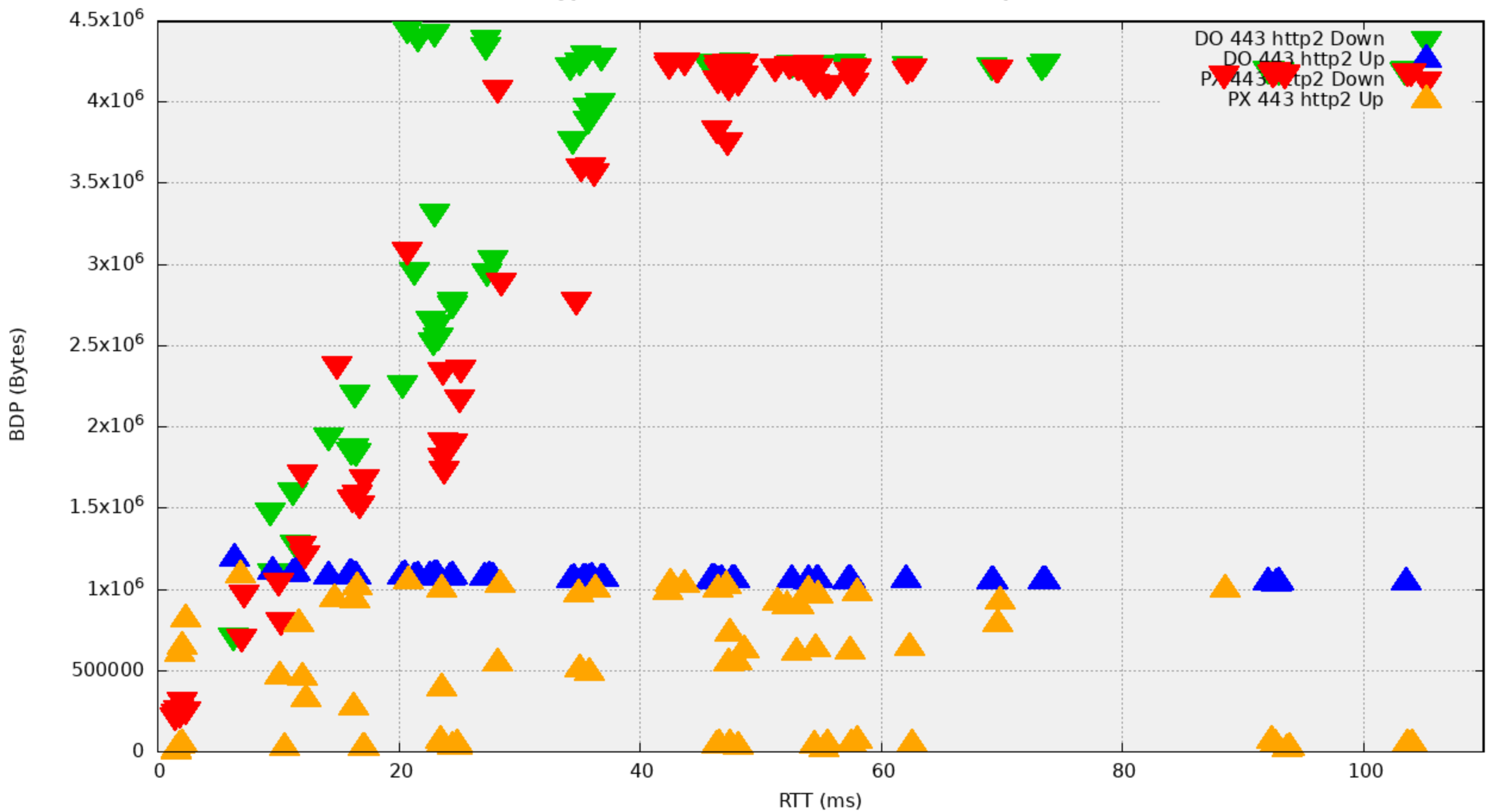
DREN Internal (DO) Download



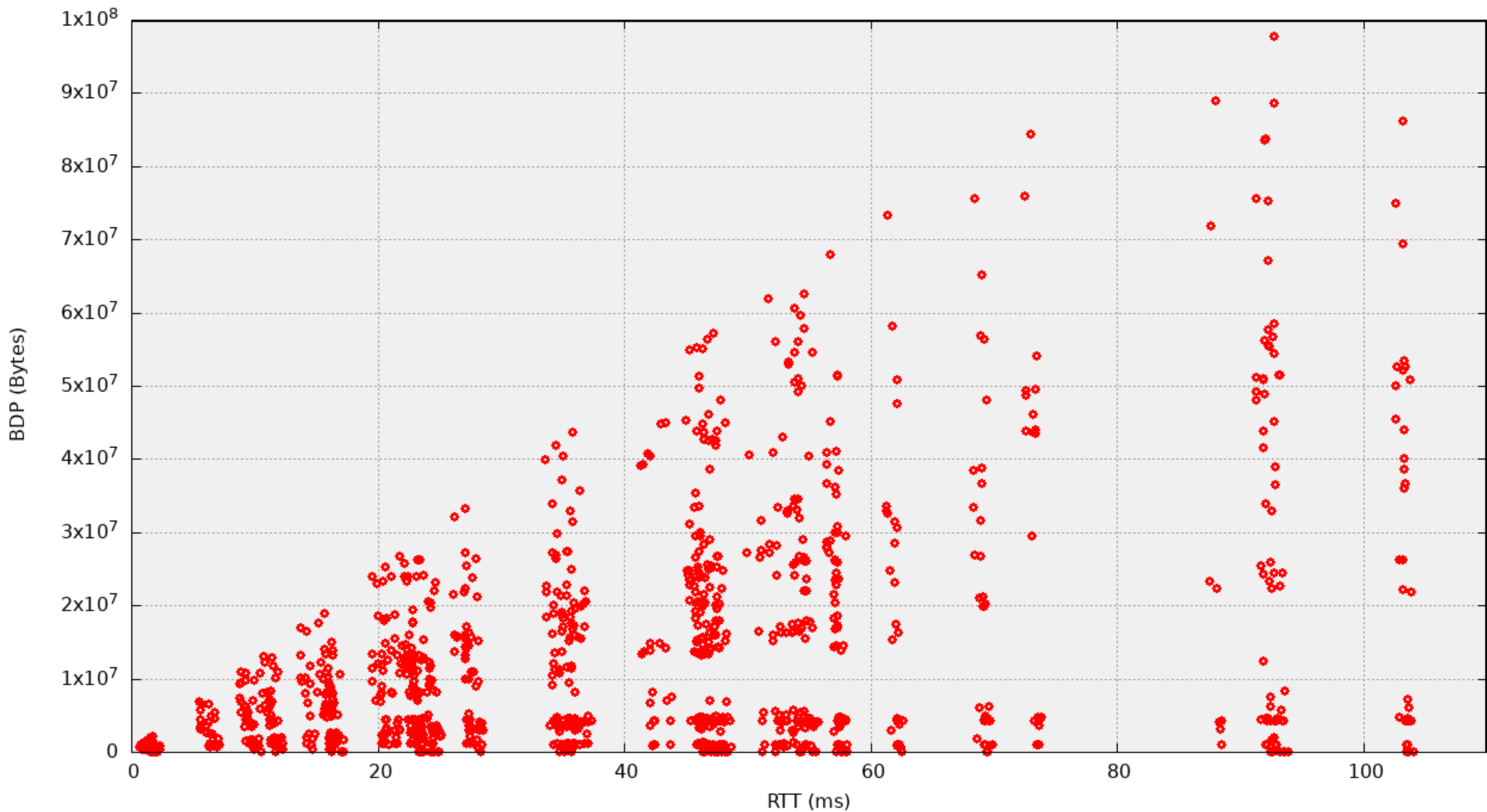
DREN Internal (DO) Upload



Typical End User Performance? HTTP/2 on port 443



Bandwidth Delay Product (BDP) vs. RTT for all tests



Thank you!
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