
Whats New with DSC

Duane Wessels
The Measurement Factory/CAIDA

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TCP

- *dsc* can now read DNS messages in TCP.
- Handles fragmentation.
- Handles out-of-order packets.
- Does not (yet) handle messages that span *dsc*'s 60-second collection window.
- Added a *transport* indexer type so that DSC can graphically show number/percent of messages received via TCP vs UDP.

IPv6

- *dsc* can now read DNS messages sent via IPv6.
- Added an *ip_version* indexer type so that DSC can graphically show number/percent of messages received via IPv6 vs IPv4.
- All addresses stored in IPv6 structures, unless compiled without `USE_IPV6`.

incoming directory

- DSC presenter now looks for incoming XML files in *incoming/** directories.
- At OARC, we store incoming XML files in *incoming/YYYY-MM-DD*.

faster dsc-xml-extractor.pl

- Previous script did one XML file per process, with lots of /bin/sh gunk in between.
- /bin/sh gunk moved to Perl.
- Multiple XML files per process.
- Data kept in memory to avoid re-reading .dat files.

The End