

DCTCP+ Bar BoF

IETF-93
Praha, Jul 2015

Note Well

Proposed agenda

- 18:00 Introductions - name and interest
- Scope/Agenda Bashing
- 18:15 List of *must-have* changes before deployment alongside existing traffic.
- 18:30 Brainstorm to identify people not present that will be important to this.
- 18:40 What is the best way to ensure the outputs from a number of separate developers all converge in parallel to standardisation?
- 18:50 Next steps:
- Actions to set up suitable MLs, tools, with timesales etc.
- End 19:00

Scope

- Evolving the e2e DCTCP protocol for use alongside existing traffic (whether in DCs, private nets or public Internet).
- Primarily to get DCTCP /developers/ involved early (Windows, FreeBSD, Linux), so that whatever we decide to standardise can be implemented in parallel
 - (Doing implementation and standardisation in series is not desirable, in whichever order).
- Primarily an organisational meeting about creating a forum / community to do this work, using people's experience to know what will work best.

▫ Not in Scope

- Network changes are not in scope unless they impact the list of changes needed to DCTCP that Koen and I posted in the original email.
- I am only aware of two solutions in the network that enable DCTCP co-existence (i) the one Koen and I link to; (ii) the one Glenn Judd used in Morgan Stanley (Diffserv segregation or capacity). If people think there are others, please keep today's discussion focused on whether any different changes to DCTCP will be needed than those listed above.
- Please /do not/ describe in-network solutions in this Bar BoF.
- Identifier Out Of Scope for Today?
 - Please continue to discuss whether and what identifier will be needed for different traffic treatment /by email/, but I suggest we do /not/ discuss this in the session. We know there are at least three possible solutions, and one will have to be picked during standardisation - so that is not priority #1 task today.