

DiffServ Applied to Real-time Transports (DART)

IETF90, Wednesday, July 23, 2014
1520-1650 EDT

Note Well

Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

- The IETF plenary session
- The IESG, or any member thereof on behalf of the IESG
- Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices
- Any IETF working group or portion thereof
- Any Birds of a Feather (BOF) session
- The IAB or any member thereof on behalf of the IAB
- The RFC Editor or the Internet-Drafts function

All IETF Contributions are subject to the rules of [RFC 5378](#) and [RFC 3979](#) (updated by [RFC 4879](#)).

Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice. Please consult [RFC 5378](#) and [RFC 3979](#) for details.

A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.



I E T F

WG Information

- Web page: charter, current documents
<http://www.ietf.org/dyn/wg/charter/dart-charter.html>
- Mailing List: xmpp@ietf.org
 - Subscribe: <https://www.ietf.org/mailman/listinfo/dart>
 - Archive: <http://www.ietf.org/mail-archive/web/dart/>
- Chair:
 - Ben Campbell ben@nostrum.com
- Technical Advisor:
 - Martin Stiernerling mls.ietf@gmail.com
- Real-time Applications and Infrastructure Area Directors:
 - Richard Barnes rlb@ipv.sx
 - Alissa Cooper alissa@cooperw.in

`Before We Proceed...

- PLEASE SIGN THE BLUE SHEETS!
- Need some very important people:
 - MINUTE TAKER
 - JABBER SCRIBE
- When speaking, please state your name for the minutes

Agenda

- Agenda Bashing and Introduction -- 10 min (Chair)
- DiffServ and Real-time Communication (David Black) -- 50 min
 - <http://tools.ietf.org/html/draft-york-dart-dscp-rtp-02>
- Open Discussion -- Any remaining time and energy

Why are We Here?

- Certain efforts contemplate sending multiple RTP streams (or other real-time media) that share the same 5-tuple.
 - RTCWEB, CLUE, MMUSIC bundle draft, etc.
 - Different RTP streams might have different DSCP markings
- Potential transport layer interactions
 - Possible packet reordering
 - DSCP markings may be removed or changed

Deliverable

- Informational RFC about DiffServ limitations
 - Considering RTCWEB use cases
 - RTP in general
- Non-Goals
 - We are not fixing DSCP, DiffServ, or QoS.
 - We are not defining normative standards
- Coordinate with TSVWG, AVTCORE, MMUSIC, CLUE, RTCWEB, and RMCAT.
- Milestone: Draft to IESG in August
 - That is, really soon now!