

Guidelines to support RTCP end-to-end in Back-to-Back User Agents (B2BUAs)

draft-ietf-straw-b2bua-rtcp-02

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A reminder

Deliverable

A document defining the requirements for B2BUAs to support RTCP end-to-end submitted to the IESG as PS

What has changed?

Just a few changes since Toronto

- ▶ Updated terminology
 - ▶ [draft-ietf-avtext-rtp-grouping-taxonomy](#)
- ▶ Modified section on media path security
 - ▶ Added some text on retransmissions
 - ▶ About the rest, controversial, very likely to change again

Terminology

Updated terminology as discussed in Toronto

- ▶ Aligned with grouping taxonomy
[<http://tools.ietf.org/html/draft-ietf-avtext-rtp-grouping-taxonomy>]

Terminology should have greatly improved now

- ▶ Feedback welcome!

Media Path Security (1)

Added some text to address possible NACK/retransmissions pitfalls

- ▶ Avoiding SRTP replay errors for retransmissions
- ▶ Mostly refers to [RFC4588](#)
 - ▶ Use Redundancy RTP Stream (fixing SSRCs along the way)
 - ▶ If not supported, B2BUA should handle NACKs directly

Media Path Security (2)

Changed the text to address the discussion in Toronto

- ▶ Clarifies that end-to-end security is broken, and that it only works if users *trust* the B2BUA
- ▶ Similar text in WebRTC gateways draft
[<http://tools.ietf.org/html/draft-alvestrand-rtcweb-gateways>]

Controversial changes

- ▶ Already “bashed” on the list
 - ▶ <http://www.ietf.org/mail-archive/web/straw/current/msg00301.html>
- ▶ Ok to change the text, but *something* must be said
 - ▶ Are we really going to give up on Media Aware and Media Termination secure sessions?

Next Steps

Apart from the Media Path Security, basically done

- ▶ Terminology greatly improved since the first version
- ▶ More RTCP packet types added in the meanwhile
- ▶ More feedback (or reviews) would be great
 - ▶ After that, ready for WGLC?

Questions? Comments?

