

RTCP Extensions for SSM Sessions with Unicast Feedback

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Changes

- Specified distribution source behavior in summarization mode
- Defined precedence of RTCP b/w reporting field over member count
- Expanded on RTCP transmission interval calculation
 - Needs yet to be done for SRs
- Security considerations updated
- IANA considerations updated
- Quite a bit of editorial stuff...
 - Clarifications, consistency, references, etc.

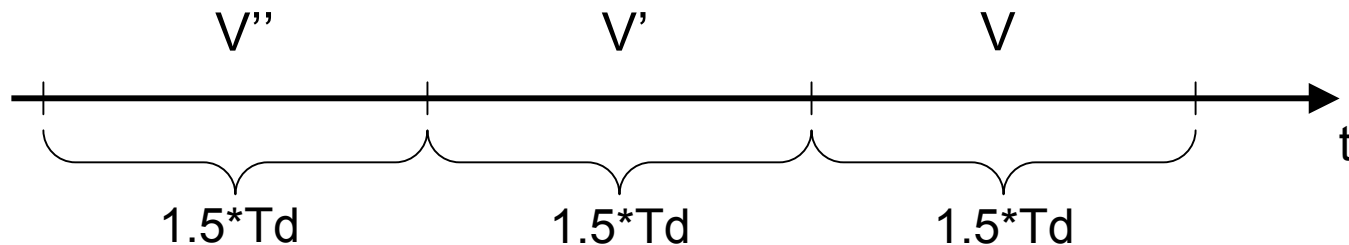
RSI Distribution Source Behavior

1. Distribution reporting

- Sample values for all receivers (until timed out)
 - Maintain per receiver state (last value received)
- Created bucket values from full group sample

2. Full receiver reporting

- Divide timeline into three intervals
- Keep value set V (min, max, avg) for each
- Shift values after each $1.5 \cdot T_d$ ($V = V'$, $V'' = V'$)
- Report V as summary value



TODO: SR

- Specify SR treatment
 - Sender
 - creates SRs as usual
 - Perform sender counting based upon SRs and RTP data
 - Distribution source
 - Forwards unchanged
 - But considers RR part in summarization
 - Receiver
 - Processes SR part; ignores RR part in summarization
 - Perform sender counting based upon SRs and RTP data

Next Steps

- Fix SR
- Incorporate chairs' comments
- Fix boilerplate, edits, ...

- Ready for WGLC?