Measurement Identity and information Reporting

draft-ietf-xrblock-rtcp-xr-meas-identity-01

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Overview

- Background
    - draft-ietf-avt-rtcp-xr-meas-identity accepted as a working group document prior split of avt.
    - 00 version revived from draft-ietf-avt-rtcp-xr-meas-identity-02 with a few changes
        - Changes follow consensus to draft-ietf-avtcore-monarch
    - 00 version received comments on the list
    - 01 version contains update reflect that discussion

Changes since draft-ietf-avt-rtcp-xr-meas-identity-02

- Distinguish measurement identity from measurement information

- Use new SDES item to convey identity

- Use new XR block to carry measurement information

- Register new RTCP SDES Type value

- Replace tag field in Block header with SSRC in the Block payload

  – use SSRC to identify/correlate/group participants between reports

Comment on measurement period

- Failure modes need to be documented if introducing a measurement information block
  - Comment from Colin's review
    - Failure happens if measurement results will be received without its associated measurement information XR Block
  - Action
    - Option 1:
      - Some metric block loosely coupled with measurement information XR Block
        » Sent measurement information block with measurement in XR block if measurement information change
        » If failure really happens, the receiver discard the measurement results if the measurement rely on measurement information block.
    - Option 2:
      - Need to know which metric block relate to which interval
        » Send the measurement information together with the related metric block that are from the same report interval.
    - Recommendation
      - Current solution take the option 2
      - This change reflected in the version 6 of Monarch
      - Do we need to revise this draft to reflect this rationale.
        » No.

Follow Up

- Any open issue?
- WGLC?