Monitoring Architectures for RTP
draft-ietf-avtcore-monarch-06

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Overview

• Background
  – 03 version discussed in Quebec meeting.
  – 04,05 version received comments on the list from Magnus, Colin and Cao Ning.
  – 06 version contains update reflect that discussion

• What it is about
  – Discuss two component of RTP monitoring architecture
  – Provide 3 guidelines on how to define XR Block
  – Discuss RFC 5117 topologies applicability issue
Changes since 03 version in last meeting

- Update section 5.2 to clarify using SDES packet to carry correlation information.
- Replace "chunk" with "new SDES item".
- Add texts in security section to discussion potential security issues.
- Add new section 5.3 to discuss Reducing Measurement information repetition.
- Reference update by adding document title
- Other editorial changes.
Comment on measurement information repetition

• Is there a recommendation for measurement information duplication?
  – Comments from Magnus’s review recently
  – Clarification (has been implemented in the new version):
    • distinguish the identity information with measurement information.
    • Define new SDES item to carry Identity information like application specific identifier
    • Define new XR Block to carry measurement information like measurement period.
Comment on security section

• Is there Security issue with Monitoring (e.g., privacy and leaking information)?
  – Comment from Magnus’s review
  – Action (has been implemented in the document)
    • Introduce no security vulnerabilities beyond those described in RTCP XRs [RFC3611].
    • Security issues with monitoring
      – Forwarding monitoring report to other translator present security risk
      – Third party monitors involvement present security risk.
Comment on sample metric

• Suggest to add definitions for additional terms, including interval metric, cumulative metric, and sampled metric
  – Reasonable
  – Proposed definitions as follows (already implemented)

Sample Metrics:
  “
  It is referred to as the metrics of which the reported values only apply the value of a continuously measured or calculated that has been sampled at end of the interval.
  “

Interval metrics:
  “
  It is referred to as the metrics of which the reported values apply to the most recent measurement interval duration between successive metrics reports.
  “

Cumulative metrics
  “
  It is referred to as the metrics of which the reported values apply to the accumulation period characteristic of cumulative measurements.
  “
Follow Up

• WGLC?