

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.
 - 06version 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?