

draft-akhter-opsawg-perfmon-ipfix-03

Aamer Akhter / aa@csico.com

Hendrik Scholz / hscholz@voipfuture.com

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Draft contents

- Transport level (RTP) statistics and value IE requests and encodings
- Discussions on methodology are left to other documents

Changes

- RTP header/payload information merged with draft-scholz-ipfix-rtp-msg-00
- Comments from Jan Novak mostly addressed
- New IEs:
 - perfObservationType perfObservationType
 - perfIntervalStartMilliseconds perfIntervalEndMilliseconds
 - perfSampleOffsetMilliseconds perfSampleTimeMilliseconds
 - perfStreamState rtpPacketizationTime
 - rtpPacketizationChange perfDuplicates
 - rtpProtocolVersion perfIntervalStartMilliseconds
 - perfIntervalEndMilliseconds perfSampleOffsetMilliseconds
 - perfSampleTimeMilliseconds perfStreamState
 - rtpPacketizationTime rtpPacketizationChange
 - perfDuplicates rtpProtocolVersion
 - rtpPacketCount rtpPacketCountLoss
 - rtpPacketCountDiscard

More Changes

- Changed IEs:
 - mediaRTPSSRC-> rtpSSRC
 - mediaCodec -> rtpMediaType
 - mediaRTPPayloadType -> rtpPayloadType
- Various spelling corrections
- Various field error corrections

Open Items

- Can structured data be used to convey some of the information more compactly?
 - Yes: perhaps for min/max/avg expressions
- 16 bit Floating point? (representing a percentage)
- Unobserved formatting guidance
 - [draft-aitken-ipfix-unobserved-field](#)
- Right balance between RTP specific fields and reporting on network performance
 - Eg rtpPacketCountLoss vs. perfPacketLoss

Next Steps

- Continue working through comments and reviews
- Adoption as WG item?