draft-akhter-opsawg-perfmon-ipfix-03

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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
  – perfIntervalStartMilliseconds
  – perfSampleOffsetMilliseconds
  – perfStreamState
  – rtpPacketizationChange
  – rtpPacketizationTime
  – 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?