RTP monitoring architecture - update
draft-hunt-avt-monarch-01

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Background

• AVT has a charter milestone “Submit Monitoring Architecture for RTP for Informational” due Feb 2011

• The scope of this architecture was discussed but not determined at IETF 78 (Maastricht)

• A call was arranged for 14-Sep to
  – discuss the scope in more detail
  – understand who in the community is interested in the topic and able to work on it
Outcome of the call – topics (1)

• 10 people joined the call
• Notes posted to the list on 21-Sep. Summary:
  • Work is needed on an architecture.
  • The current draft-hunt-avt-monarch-01 is too narrow in scope
  • Should include metrics of transport and application parameters, but re-use rather than invent
  • Should include “northbound” delivery as well as RTCP “east-west”, for example why MIB development didn’t succeed
    – Sources of metrics, targets for metrics delivery and how best to send metrics between them
Outcome of the call – topics (2)

• Should cover scalability in collecting and reporting metrics
• Should include security considerations and impact of encrypted media and signalling
• Should include methods for control of metrics collection, for example to allow collection on-demand after detection of a fault
• Should consider session identifiers to allow correlation of spatially separated measurements on same session
• Much of this material is outside the scope of AVT
Volunteers

• On the call, Keith Drage asked people to indicate if they could commit time to work on one or more of the topics identified
• Request repeated when notes were published
• So far, only Qin Wu has volunteered (16-Oct) to work on choices/definitions of metrics
• Without more committed people, it’s not feasible to start this large piece of work