

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