Rapid Acquisition for Multicast RTP Sessions

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Recap

- Prior to join, receiver requests a unicast burst from a server caching the recent data

Data the RTP receiver needs to get from the retransmission server

(1) Unicast burst request

(2) Unicast burst including reference information

(3) Join

(Receiving multicast already)
Summary of Changes since Dec.’09 WGLC

- **Summary**
  Lots of comments were received during the WGLC
  All comments received so far (!) have been addressed
  The draft was revised three times after the 1st WGLC
  We are waiting for the co-chairs to start the 2nd WGLC

- **IPR Status**
  There are 6 outstanding IPR disclosures from 4 companies
  All disclosures have terms defined
  1 person objected during WGLC to moving forward given these IPRs
  No alternative proposals yet to avoid these IPRs
  There is already an open-source implementation from Cisco

Is AVT happy to proceed or not?
List of Major Changes since Dec.’09 WGLC

- Added discussion on acquisition of RTP streams vs. RTP sessions
- Added support for acquiring multiple streams or the whole session via a single RAMS-R message
  - In multi-stream cases, multiple RAMS-I and RAMS-T are (often) required
- Added port mapping as a mandatory step in RAMS
- Clarified the usage of RAMS-T vs. BYE messages
- Added discussion on synchronization of primary multicast streams
- Relaxed the requirement for advertising SSRCs in SDP
- Expanded the security and congestion control considerations sections