Connectivity Preconditions for SDP Media Stream

`draft-andreasen-mmusic-connectivityprecondition-01.txt`

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Overview

- Problem
  - NATs, Firewalls, routing anomalies, etc. can all interfere with media stream packets
  - Ensure there is media stream connectivity between offerer and answerer prior to proceeding with session establishment

- Solution
  - Define a connectivity precondition (RFC 3312)
  - Connectivity can be verified in different ways
    - Draft does not mandate any particular mechanism
    - One option is to use the proposed RTP No-Op payload format.
    - Other mechanims, e.g. STUN, can be used as well.

Since Last Time

- Presented in Seoul
  - Lots of discussion in meeting about relationship with ICE.
  - Question about interaction with SIP forking.
- Changes in new version:
  - Firmed up definition of "send" and 'recv" connectivity preconditions to make it clearer when they are satisfied.
  - Additional detail in example flow.
  - Added Security Considerations.
- To be done
  - Explain relationship with ICE
  - Explain how forking works

Next Steps

- Adopt as WG Item ?