RTCP XR Blocks for Synchronization Delay and Offset Metrics Reporting

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Updates Since Last Version

• Using signed fixed-point number for synchronization offset to imply the relation between the report stream and the reference stream.
  - A positive value means the reporting stream leading before the reference stream.
  - A negative one means the reporting stream lagging behind.

• Clarify what is the beginning of session for initial synchronization delay
  - In this document, the beginning of a multimedia session is chosen as the time when the receiver joined the first RTP session.

• Other editorial changes.

• WGLC finished.
Confusion in Synchronization Offset Metrics Report Block

• Currently, “SSRC of reference” field of RTP Flow Synchronization Offset Metric Block may be ambiguous for flows in multiple RTP sessions.
  - Several flows, each of them is in a different RTP session, may be assigned with the same SSRC.

• Proposals:
  - Limiting to one single RTP session scenario.
    ✓ May be the best approach.
  - Support both Single RTP session and multiple RTP sessions.
    ✓ Need a unique identifier, such as MSID.
Next Step

• Fix the issues and move forward?