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?