

RTP MIB and RTCP XR MIB

[draft-ietf-avt-mib-rtp-bis-00.txt](#)

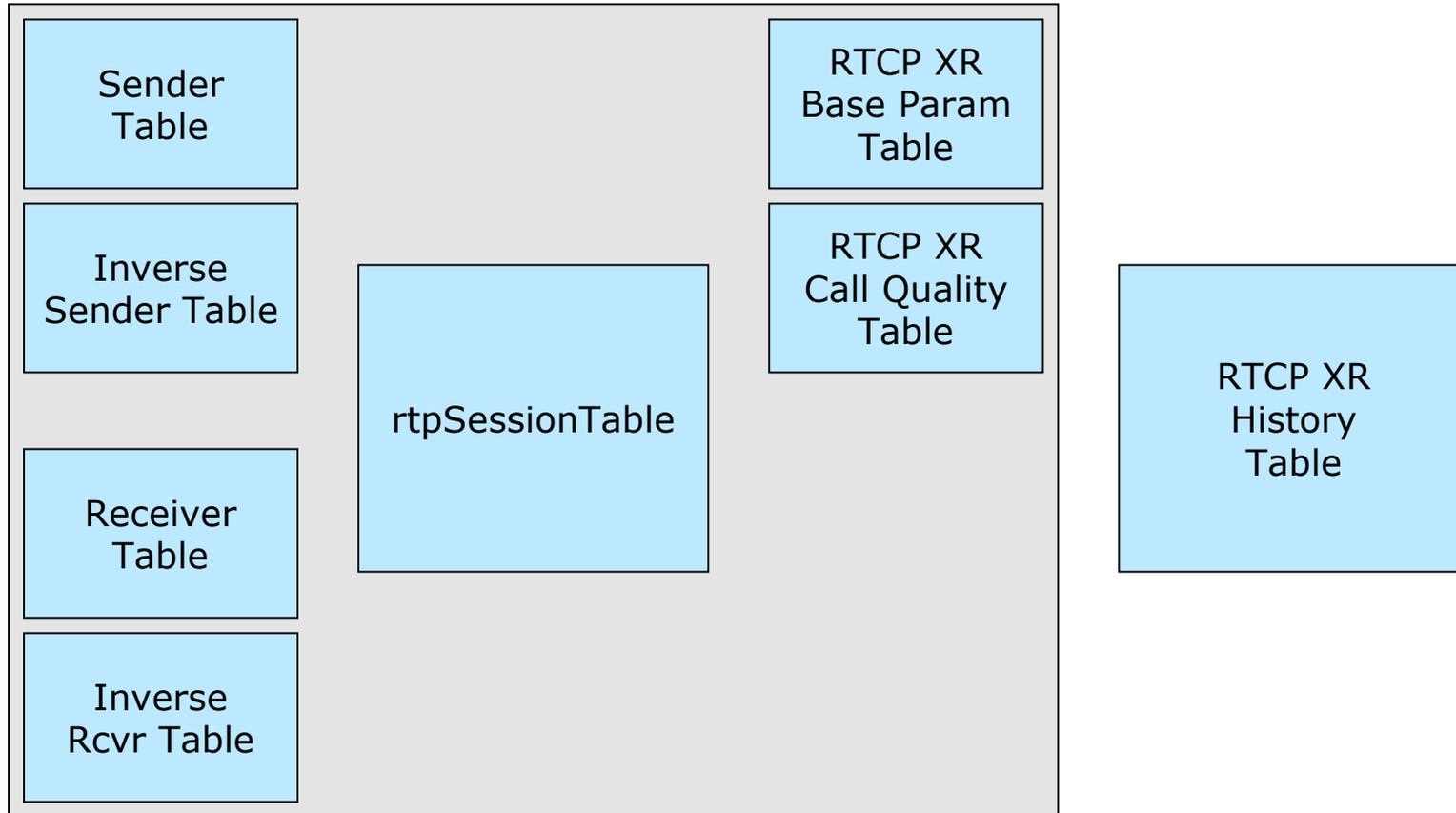
[draft-ietf-avt-rtcp-xr-mib-04.txt](#)

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Status

- Implemented decision from last IETF to remove session table from XR MIB
- Updated RTP MIB to accommodate additional requirements and updated SNMP syntax
- Draft-ietf-avt-mib-rtp-bis-00.txt is updated RTP MIB
- Draft-ietf-avt-rtcp-xr-mib-04.txt is updated RTCP XR MIB

Structure



Significant changes to RTP MIB

- Can now refer to both active and completed calls
- Added a parameter to limit the number of potential entries
- Changed timestamps to Date/Time instead of Sysuptime
- Changed source/dest identifiers to Inet format

Issues - addressing/ session identification

- May be implemented in an RTP endpoint or a monitor
- Various scenarios
 - Point-to-point
 - Multi-party using ASM multicast
 - Multi-party using relay/MCU
 - Multi-party using unicast
- Currently - RTP MIB defines a session and multiple senders and receivers associated with the session
 - Ok for point to point and simple multicast
- Approach
 - ?

Issues - endpoint or monitor?

- MIB could be implemented in an endpoint or a monitor (probe)
- MIB does not identify what it is implemented by
- Suggestion to add
 - Type of device implementing MIB
 - Description and name of device?

Issues - level of implementation

- Could be
 - Report only for streams sent/ received by this entity (typical endpoint)
 - Report for all media streams seen (typical probe)
 - Report for all collected RTCP reports (“collector”)
- Approach
 - Use Compliance statements to build different implementation levels?

Issues - other

- Address format is currently IP
 - Ok to limit to IP?
- Replace references to “calls” with “sessions”
- Definition of active sessions?
- Session identifier - is SSRC sufficient?
- Deletion of entries (want to keep in some applications?)
- Payload type - should not be in receiverEntry?