

RTSP - Core

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Changes 1/3

- Clarified that a PLAY request without Range header when pause point is at end of media results in 457 (Invalid Range).
- Pause while in Ready-state is allowed. Server gives a 200 OK answer with current pause point.
- Resolved how Scale=-1 works together with range. Standard interpretation of Range header values (closed to open ended) although will be larger to smaller values. Exception to open ended for 0.

Changes 2/3

- Resolved to not fix RTP-Info support for multiple SSRCs due to backwards compatible reasons and unclear need. Would need a new RTP-Info header to fix it.
- Clarified how RTP-timestamp behaves in regards to PAUSE and resumed PLAY (continuous timestamp space). A server shall include the Range and RTP-Info header in any PLAY response.

Changes 3/3

- Will write up ABNF and clear rules regarding SDP “a=range”. A single value only in SDP, for backwards compatibility.
- SET_PARAMETER without body to be clarified as being allowed. Can include headers, if required to understand, use Require header.
- Clarified that a failed re-SETUP must not change the previous state. The logical resolution, was however not explained.

Status

- Most known open issues are resolved.
- Needs a updated version of the spec that contains all resolutions.
- When that happens we can go to Phase 2:
 - Fix all examples.
 - Check consistency of spec.
 - Review readability.
 - Resolve any found issues.
- Will not meet October milestone.

Open Issues

- Should REDIRECT automatically close session?
- How to handle implicit redirection through session description protocol. Majority favors allowing it per default.
- How to detect the updated spec?
 - Version number change 1.1 or 2.0
 - Only use Require header and tags when necessary.
- Request to Response timeout. The time a request takes until any response is received is not bound. Look at SIP solution?

Way forward

- Will continue with telecons every two weeks as long as we have something to discuss or follow up.
- Get all resolutions written up in next version. Hopefully more progress with help of Aravind.
- Support with resolving text for bugs are appreciated.
- Get on specification text review.