

RTSP Asynchronous Notification

draft-stiemerling-rtsp-announce-00.txt

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Background

- RFC 2326 has ANNOUNCE method
 - ◆ Client to server: post description of presentation...
 - ◆ Server to client: Update session description
- Method used in non-standardised way in deployments
 - ◆ Asynchronous server to client notifications
 - ◆ End of stream notifications
 - ◆ End of session notifications
- Used in Japanese IPTV deployments
 - ◆ E.g., NTT
 - ◆ Hikari Service Architecture Consortium (HSAC)
- However, ANNOUNCE removed in RFC 2326bis
- draft draft-ietf-mmusic-rtsp-announce-01.txt

RFC 2326bis status

- No explicit end of session/stream notification, but semi-implicit:
 - ◆ The lack of a Location header in any REDIRECT request is indicative of the server no longer being able to fulfil the current request and having no alternatives for the client to continue with its normal operation. It is akin to a server initiated TEARDOWN that applies both to sessions as well as the general connection associated with that client.

Proposal for a new Method

- **NOT** taking old session description update!
- Taking “teardown” semantics out of REDIRECT
- New end-of-stream semantics
- Creating a new method
 - ◆ E.g. ANNOUNCE
 - ◆ But any other suitable name (see beginning of section 2)
- Still an early proposal
 - ◆ Requesting general WG feedback about the idea
 - ◆ Technical details to be discussed on list



Thank you!

Question?