

Session Announcement Protocol

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Status

Two drafts since the Oslo meeting:

- draft-ietf-mmusic-sap-v2-02.txt
 - 23 August 1999
- draft-ietf-mmusic-sap-v2-03.txt
 - 21 October 1999

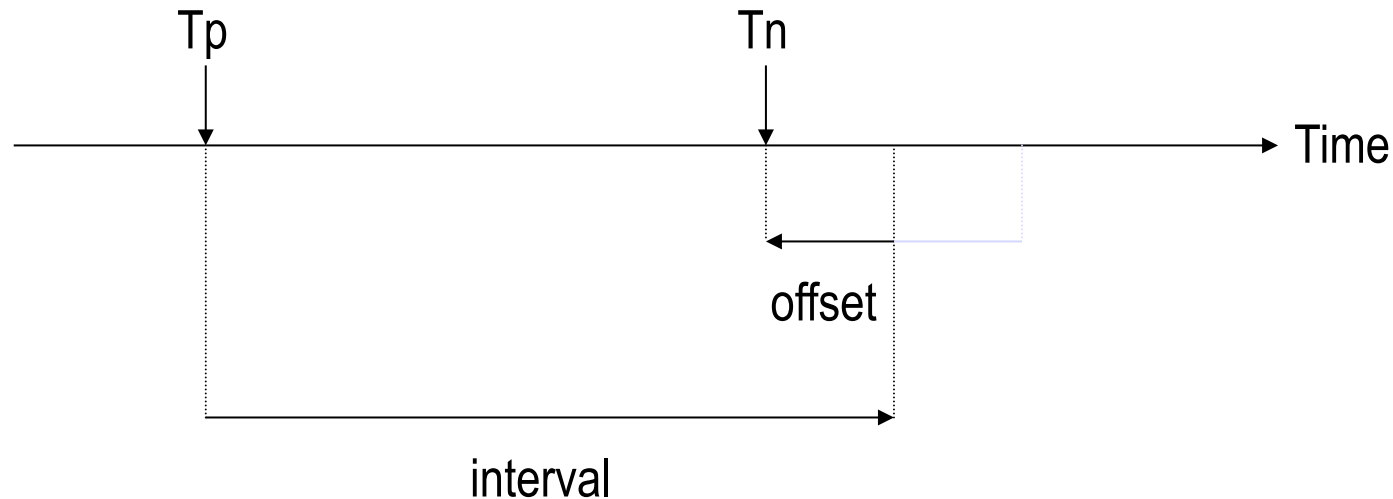
draft-ietf-mmusic-sap-v2-02.txt

- Clarify section on authentication
 - No protocol changes, but clarify the text in the spec
- Better specify announcement interval
 - Algorithms in section 3.1 are new
 - Attempt to specify exactly when announcements should be sent, rather than the vague text before
 - Will discuss further later... feedback is requested!

draft-ietf-mmusic-sap-v2-03.txt

- Remove references to directory sessions
 - Disagreement on how they would work
 - Ross Finlayson will submit a draft describing these for the next meeting

Announcement interval



$$T_n = T_p + \text{interval} + \text{offset}$$

$$\text{interval} = \max(300; (8 * \text{no_of_ads} * \text{ad_size}) / \text{limit})$$

$$\text{offset} = \text{rand}(\text{interval} * 2 / 3) - (\text{interval} / 3)$$

Reconsider T_n if no_of_ads changes before packet is sent; may result in an immediate send, or may delay packet further.

Future directions

- Ready for working group last call
- Publish as experimental RFC
 - Since scaling to very large number of sessions is not well understood (eg: caching architecture, directory sessions)
- Consider updating and moving to standards track eventually