SIMPLE Multiparty Chat

draft-niemi-simple-chat-04.txt
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Background

- Multiparty, or multi-user chat protocols have existed since late 1980s

- Some features common across most systems

  – Nicknames (global, not necessarily unique, informal name, != display name)

  – Private messages

  – Sidebars (or at least, "channels" to which others can be "invited")

- Other SDOs standardizing SIMPLE based chat

Changes Since -03

- Complete rewrite

- Got rid of DISTSEND
  - Now all messages sent using SEND
  - CPIM To/From used for identification and routing

- Nicknames
  - Naming convention for sub-resources within a conference
  - sip:nordicguy%40chatroom@example.com

Issues

- Missing some "nice-to-have" features

  – Message history

- Nicknames

  – Do this in MSRP?

  – Generalize for all XCON / SIP conferences?

- Sidebars

  – Do this in MSRP?

  – Reuse XCON? Where is this defined?

Issues Cont'd

- Everything related to authorization policy
  - Heavy dependency to some of XCON work
  - Interim solution needed?

- OMA dependency (or rather: indicated need)
  - Does SIMPLE WG need to work on this?

Proposal 1

- Continue in the current track

- Interim solution

  – Define the required chat-specific subset of conferencing features in SIMPLE

  – Full solution from XCON

  – Document transition path

- Experimental track?

Proposal 2

- Generalize nicknames, work on the rest in SIMPLE

  – SIP-level mechanism for reserving session "alias" or nickname

  – Usable for all conferences

  – Consider policy as well; perhaps something akin to geopriv LO 'usage-rules'

Proposal 3

- True balkanization of media

  - Define all conference features in media-specific ways

  - Discontinue the XCON WG

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Discussion