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

• ;)
Discussion