Multi-party IM Sessions Using MSRP

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Changes since -01

- Nickname URI replaced by Nickname string

- Nickname unique inside a conference instance

- Removed support for multiple recipients of private messages

- Participant's SIP AOR used to route private messages by the MSRP switch

- If Privacy is requested, focus provides a unique SIP URI inside it's domain used by MSRP switch to route private messages

  – "Replacement URI"

Open issues

- Terminology

- Removing a nickname

- Need more text about anonymous participants

- Cover all MSRP reporting models

- Clarifications on private messages

- Multiple recipients of private messages

Multiple recipients of a private message

- In the current text participants do not know their associated Replacement URIs if privacy was requested when joining

- All message to and from participant uses the SIP AOR in the CPIM headers, and the MSRP switch will replace it with the Replacement URI

- Catch: If a message has multiple recipients, the MSRP switch would need to create a separate CPIM message for each recipient that has requested privacy.

Multiple recipients of a private message (continued)

- A possible solution is the let participants know their Replacement URI.

  - Use Replacement URI directly in the CPIM headers to and from the participants.

- TBD: How to learn the Replacement URI