

# Dual stack SIP and XMPP SIXPAC

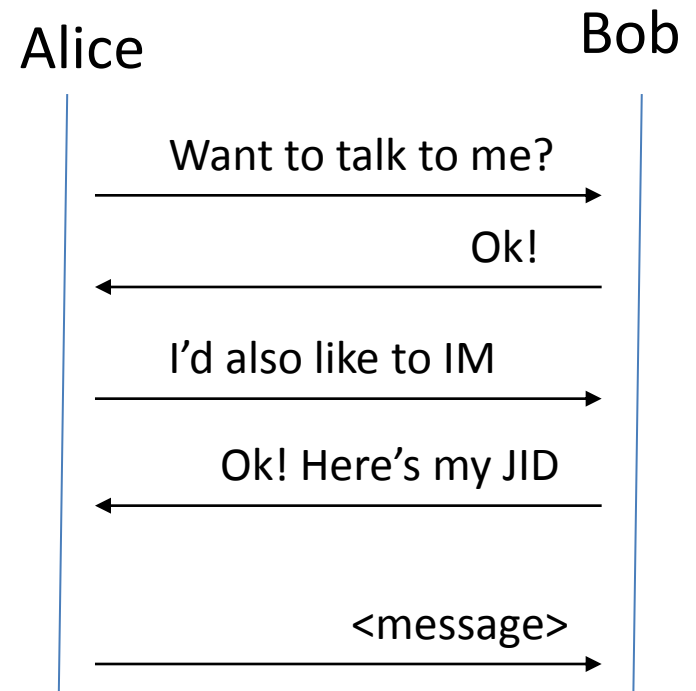
IETF80

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# Goals

- To allow a SIP to be used for voice and video, and XMPP for IM and Presence
- Start with a SIP session and add XMPP IM, or vice versa
- Integrated in the client for optimal user experience



# Technical requirements

- Presence
  - Include SIP-based availability states in XMPP presence (“I’m on a SIP call”)
- Correlation
  - Indicate that XMPP IM conversation is related to a SIP voice/video session, and vice-versa
- Address discovery
  - Advertise/learn a SIP account address over XMPP and an XMPP account address over SIP

# Protocol extensions

- Extensions are expected to be defined for both XMPP and SIP
- Backwards compatibility needs to be maintained for both SIP and XMPP
- No changes required to installed infrastructure (SIP and XMPP servers, B2BUAs, firewalls etc.)

# Status of the work

- First presented in IETF76
- Mailing list at <https://www.ietf.org/mailman/listinfo/sixpac>
- Documents
  - <http://tools.ietf.org/html/draft-veikkolainen-sip-xmpp-coex-reqs>
  - <http://tools.ietf.org/html/draft-veikkolainen-sip-voip-xmpp-im> (expired)
- Draft charter (not approved)
  - <http://www.ietf.org/mail-archive/web/sixpac/current/msg00000.html>

# Next steps

- Finalize use cases and requirements
  - Has been reviewed and commented for a while
- Start working on the technical solution
  - Use sip-voip-xmpp-im as a starting point
- WG creation
  - Scope needs to be carefully defined in the charter