draft-ietf-xmpp-rfc3921bis-05

XMPP WG, IETF 77
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Overview

• Version at IETF 76 was -02, now -05
• Clarifications and adjustments regarding presence probes, presence priority, message delivery, and roster versioning
• No open issues
• More reviews still needed!
Presence Probes (1)

- OK to probe full JID (previously: only bare JID, based on subscription to account)
- Authorization checked via subscription or having sent outbound directed presence
- Server returns presence only for that resource
- SHOULD be “mere” available presence
Presence Probes (2)

• In general, if contact is not online when receive probe:
  • Preferably send ‘unavailable’ (but this is not mandatory)
  • Can include full XML of last unavailable presence, or send “mere” unavailable
  • SHOULD include delay flag (XEP-0203)
Presence Probes (3)

• Clarified handling of ‘id’ on presence probes:
  • If contact is online, preserve ‘id’ from contact’s presence notification (if any)
  • If contact is offline, echo ‘id’ of probe
  • Both of these are SHOULD
Presence Priority

• OK for server to override presence priority specified by client

• If server does so, it MUST return the modified priority to the resource in a presence notification

• Modified priority value SHOULD be zero (which is the default)
Message Delivery

• OK for the server to deliver “chat” and “normal” messages to all resources (à la Google Talk)

• But only if the server explicitly overrides the presence priority for each resource as just described
Roster Versioning

- If server supports roster versioning, it MUST send a stream feature to the client, which SHOULD be voluntary-to-negotiate.

- If the server does not advertise support for roster versioning, the client MUST NOT include the ‘ver’ attribute in its roster request.
Action Items

• No open issues
• Convert XML schema to Relax NG?
• Seek more reviews / interop feedback