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!

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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

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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)

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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

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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)

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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

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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

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Action Items

- No open issues

- Convert XML schema to Relax NG?

- Seek more reviews / interop feedback

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