

XMPP Open Issues

XMPP WG, IETF 78
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3920bis (I)

- WGLC call completed in late June, 2010
- All feedback was incorporated into draft version -10 (July 7)
- Second WGLC started July 13
- Version -11 published July 26
- A few changes during second WGLC...

3920bis (2)

- Ambiguities about handling of silent peers:
 - 2 streams over 1 TCP connection (c2s)
 - 2 streams over 2 TCP connections (s2s)
 - Multiple streams over multiple TCP connections (s2s)
- Clarification about directionality

address (I)

- WGLC on -00 ended July 14
- Some feedback, mostly small
- Version -03 published July 26
- A few changes during WGLC...

address (2)

- Discouraged sending of ACE labels (should convert before sending via ToUnicode)
- After list discussion, decided against adding more text about mixing of character sets
- Deemed implementation specific any checking of string length (1023 bytes) before application of the stringprep profile

392I bis (I)

- Currently in WGLC
- A number of (mostly small) issues raised
- Only ~5 people have commented so far
- More comments desirable
- A few open issues for discussion...

392 I bis (2)

- Presence probes ... if user is offline:
 - return unavailable presence
 - *or*
 - silently ignore?

392 I bis (2)

- Presence optimization ... if subscription state is “both”, user’s server SHOULD send subsequent presence updates to contact only if contact’s server replies to probe.
- Provisionally changed to MAY because this seems to be truly optional

392 I bis (3)

- Stanza delivery rules ... headline message intended for full JID, but no resource matches:
 - silently drop
 - *or*
 - return error?

3921 bis (4)

- Some servers optionally cache presence stanzas of type “subscribed”, “unsubscribe”, and “unsubscribed” for later delivery (as we do for “subscribe”)
- Add a note about this?

392 I bis (5)

- The server **MUST NOT** send a probe to a contact if the user is not subscribed to the contact's presence ... *unless the user has sent directed presence to the contact and has received presence information in return.*
- Do we need to both parts of the final clause?

3921 bis (6)

- To-do...
 - Add text about 'id' attribute on presence subscription re-sends by server
 - Define impact of presence errors on roster state (if any)

Next Steps

- Please review recent diffs to ensure correctness
- WGLC not yet finished on 392 Ibis
- Further reviews are always a good thing
- `</stream>`