

draft-ietf-xmpp-rfc3921bis-02

XMPP WG, IETF 76
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Overview

- Version at IETF 75 was -00
- Material changes limited to roster versioning and a few clarifications to subscription handling
- No known open issues

Roster Versioning (I)

- Discussed earlier this year at XMPP Standards Foundation (XSF)
- Problem: Why receive complete roster if it hasn't changed since you last logged in?
- Solution: Versioning of rosters (optional)
- Published in XEP-0237, moved to 3921 bis

Roster Versioning (2)

- New 'ver' attribute
- Opaque to the client
- MAY have meaning to the server
- For example: hash of the roster data, or strictly increasing sequence number
- If versioning is used, all roster gets, results, and pushes include 'ver' attribute

Roster Versioning (3)

- Roster get includes the last 'ver' known to the client...
- `<iq type='get' id='foo'>`
 `<query xmlns='...' ver='abc123' />`
`</iq>`

Roster Versioning (4)

- If not changed, server returns empty IQ-result (not empty <query/>)
- If changed, server returns either:
 - Complete modified roster, or
 - Individual roster pushes for “diff”

Presence Subscriptions (I)

- Client **SHOULD** include 'id' in subscription request for tracking purposes
- More clearly specified when presence stanzas of type "error", "unsubscribe", and "unsubscribed" are used
- Server **MAY** send unavailable presence from the bare JID to ack subscription request

Presence Subscriptions (2)

- Server **MUST** deliver subscription-related presence stanzas to user (subscribe, subscribed, unsubscribe, unsubscribed) and **MUST** do so before sending roster push
- Clarified handling of subscription request when user is not in contact's roster
- Clarified when roster item is created by server (not until subscription approval)

Other Changes

- Server **MUST** restrict access to roster (implicit in previous text)
- Added feature set for conformance purposes

Open Issues

- No known open issues at this time
- Reviews needed to confirm