Event Notification Throttles

draft-niemi-sipping-event-throttle-01

IETF60
SIPPING WG

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Summary of Changes

- Merged 'draft-ietf-sipping-event-throttle-reqs' with 'draft-niemi-sipping-event-throttle'

- Incorporated WGLC comments

  – Strengthened use case descriptions

  – Clarified model wrt. buffer policies

- Plus a few simplifications overall to the proposed mechanism

WG Last Call Summary

- Should client be able to dictate buffer policy?

  – No. Unnecessarily complex and prone to suboptimal behavior.

- What buffer policies packet treatment should we define? FIFO, LIFO, Red, Merge, etc.?

  – This is event package specific

  – Actually just two make sense: Last In Out Trash Others (LIOTO) for full-state and "Merge" for partial notifications

Overview of Operation

- Client asks for a throttle in the SUBSCRIBE

  - Simple integral value in seconds

- If throttle greater than subscription expiry, only two notifications are ever sent

  - The throttle doesn't apply to the first and last NOTIFYs

Open Issues

- REQ7 states: The throttle mechanism MUST provide a reasonable resolution for setting the minimum period between two notifications.

  – Currently sort of reasonable as it in practice is between the event package default and the subscription expiry

- Should we add more recommendations or is this reasonable enough?

Conclusion

- The usual questions:
  - How does the community feel about this draft?
  - Is this a reasonable way forward and worth pursuing?
  - WG item?