

Watcherinfo History

draft-niemi-simple-winfo-history-00

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Background

- 3GPP requirements mention winfo-history
 - Need to be able to get winfo from a past, well defined time period, e.g., last 7 days
 - Facilitates tracking subscriptions that happened while being offline
- Some commercial systems have similar functionality

Solution

- Event header parameter for indicating interest in history info (seconds in the past)
 - Event: presence.winfo;winfo-history=7200
- Winfo-format extension for representing historical winfo

<watcherinfo>

<watcher-history>

<watcher...>

Basic Operation

- Subscriber indicates preferred history period X
- Notifier selects $0 \leq \text{period} \leq X$
- Notifier includes winfo-history in 1st NOTIFY
 - Can only be present in `<watcherinfo>` whose `state="full"`
- Includes list of watchers that entered “terminated” state within history-period
- Subscriber consumes information
 - Can for example retroactively authorize watchers

Issues

- Generalizing event history by applying to other events that may need to support it
 - For example, reg-event could make use of history info

Way forward

- Sensing WG interest in pursuing winfo-history
 - Do we want to take up this work in SIMPLE?