SIP Event Throttles

draft-niemi-sipping-event-throttle-02
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Fixed ABNF definitions

- Uses RFC 2234 defined incremental definition
  - New alternatives added to alternative sets present in RFC 3265 and RFC 3261 ABNF rulesets:

```
event-param     =/  throttle-param

subexp-params   =/  throttle-param

option-tag      =/  throttle-tag

throttle-param =    "throttle" EQUAL delta-seconds

throttle-tag   =    "event-throttle"
```

Use Cases, Model & Benefits

- Added estimates of bandwidth savings
  - Rough calculations over use case
  - Further discussion of potential savings in overall operation section
  - Mentions compression schemes as another way to save bandwidth

- Rewrote model
  - Dropped traffic theory references
  - Simple describtion of an event notifier

Added IANA Considerations

- Registers "event-throttle" option tag

- Registers "throttle" Event header field param

- Registers "throteel" Subscription-State header field param

Discussion

- Throttle based on time between notifications or net bandwidth consumption? Or both?
  - Proposal: time between notifications
  - This is already the model in RFC 3265

- Define notifier behavior in more detail
  - Proposal: will add to next revision, including process diagrams for both full and partial state

Summary

- Considered comments received during last 2-3 months

  – SIPPING list discussion, sip-implementors

- Need to do something with this

  – Fair amount of interest (OMA?)

  – Experimental track?