IETF 84 Vancouver, Canada

SIP Overload Control (soc) WG
Tuesday, July 31, 2012
0900-1020
draft-ietf-soc-overload-control-09
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Status of draft

-08 presented in Paris IETF (March 2012).

Since then

- Minor edit changes.
- Close open issue regarding S9 being maintained for archival purposes only.
- Change in default algorithm.
Change in default algorithm

- Under certain conditions, -08 algorithm allowed more messages than the downstream server would be able to handle.
  - Especially true when oc was high and traffic mix arriving at upstream client composed mostly of category 2 messages (disaster scenario, for example).
- The root cause is that in -08, category 1 and category 2 are fixed at 80% and 20%. They do not vary, **even if the incoming traffic mix changes**.
Change in default algorithm

- 09 recognizes that the values assigned to category 1 and category 2 need to be adjusted on the mix of incoming traffic.

- Added the method:
  
  \[\text{update\_mix(cat1, cat2)}\]

  to the new algorithm. The intent is to modify cat1 and cat2 according to traffic mix arriving at the upstream client.

- Modified processing of the remaining algorithm to account for dynamic category updates.
Latest on the list

• Request on list to align priority and emergency call handling between soc-overload-control and soc-load-control-event-package.
• Most changes appear to be in soc-load-control-event-package.
Next steps

- Updated algorithm in -09 needs review.
- Defer to chairs to move work ahead.