

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:
`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.