SCTP parameters list update

draft-morand-tsvwg-sctp-parameters-update-00

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Presenter: Lionel Morand
Suggested SCTP Protocol Parameter Values

- Section 15 of RFC 4960 gives a list of protocol parameter values that are RECOMMENDED
  - e.g. RTO.Initial: 3 s, RTO.Min: 1 s, RTO.Max: 60 s, etc.
- List of configurable parameters by the operators often restricted to this list
  - which is maybe the first mistake…
- The SACK Delay is not part of this list
  - which is likely the second mistake…
- whereas it is clearly a configurable parameter
  - "The maximum delay for generating an acknowledgement may be configured by the SCTP administrator…" as per RFC 4960
Proposed change(s)

- Update the RFC 4960 to
  - SACK.Delay in the list of configurable SCTP protocol parameter
  - set the recommended value for SACK.Delay to 200ms
- Why a new RFC updating the RFC 4960? Because:
  - the proposed change is not an errata
  - the new RFC does not "obsolete" the RFC 4960 but…
  - It is a clear hint for SCTP implementor to take into account the update when using the RFC 4960 as reference.
(our) Questions

- Does this draft address an existing issue?
  - First feedback on the mailing list seems to say "Yes!"
- Is the RFC 4960 update the best approach?
  - Feedback indicates that it is something that can be done
- Should it be part of RFC 4960 Errata and Issues?
  - Merged into draft-tuexen-tsvwg-rfc4960-errata?
  - What are the triggers to be in?
  - We just want to see the clarification somewhere… and not in two years.
- If not…
  - WG? Ready for WGLC? Ready for IETF LC? Candidate for a Pulitzer Prize?
(your) Questions?

- If any… Please!