Quick Failover Algorithm in SCTP

draft-ietf-tsvwg-sctp-failover

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Current Status

- We believe mostly matured
  - Thanks for very detailed reviews!

- Some remaining points
  - CNWD handling in PF
  - Association Error Counter Handling
  - Permanent Failover
  - APIs for PF
CWND handling in PF

- PF should be independent from congestion control
  - Suggestions related to cwnd/ssthresh handling will be removed
Association Error Counter Handling

- This should be taken care of by RFC4960
  - Updating 4960 or errta will be required
  - PF should be independent from this
Permanent Failover

- Will update some texts
  - Don’t discourage doing this
  - Give more freedom to implementations
APIs for PF

- Only one API is mentioned
  - Peer Address Threshould (SCTP_PEER_ADDR_THLDS)

- Will add more APIs
  - Event Notification for PF
  - Control usage of different switchback mechanisms
Experimental or PS

- Current intended status is Experimental

- PS might be better?
  - Not sure what we will do for experiments
  - Logic is pretty simple
  - Analysis has been done in several papers
  - Already have two implementations (FreeBSD, Ericsson)