Quick Failover Algorithm in SCTP
draft-ietf-tsvwg-sctp-failover

Y. Nishida, P. Natarajan, A. Caro, P. Amer

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)