Support for ECN in MPLS networks

draft-ietf-tsvwg-ecn-mpls-01.txt

Bruce Davie
Cisco Systems

Bob Briscoe
June Tay
BT Research

Changes since -00

- Responded to reviewer comments
  - Sally Floyd, Gorry Fairhurst, and Magnus Westerlund
- Increased focus on RFC 3168-style ECN as the capability to be supported by this draft
  - reduced emphasis on PCN - now serves only as an example of how scheme *could* be extended to more complex scenarios, mostly relegated to an appendix
  - removed irrelevant reference to re-ECN
- Clarified the rationale for preferring the ECT-checking approach over the approach previously proposed by Floyd et al.
- Clarified relationship to tunneling behavior specified in RFC3168

Conclusions

- Draft now does not depend on PCN making progress - stands on its own without PCN
- The substantive technical meat of the proposal has not changed for several revisions now
  - Recent changes are minor and affect presentation rather than technical content
- Hence, we think we're ready for last call.