

Proposed ECN Modifications

- Three ECN modifications proposed:
 1. Non-drop-equivalent [Response](#) to Congestion Experienced (CE) marks
 - draft-khademi-tsvwg-ecn-response, draft-briscoe-tsvwg-l4s-id
 2. Treat ECT(1)-marked traffic differently from ECT(0)-marked traffic
 - draft-briscoe-tsvwg-l4s-id
 3. Use ECN on control packets e.g., TCP SYN, etc.
 - draft-bagnulo-tsvwg-generalized-ecn
- Experimental RFCs seem plausible for all 3, but
 - ECN RFC modifications required, e.g., to RFC 3168
 - ECT(1) for L4S also requires changing the ECN Nonce (Experimental RFC 3540) to Historic
- Can we do all of this quickly?

Proposed ECN Process Draft

- One standards-track document to modify RFC 3168 and friends
 - Inform the community (& IESG) about all of this activity
 - Avoid IESG process exception for each Experimental RFC
 - Experimental or better RFC required to use modifications
 - IESG retains control over ECN behavior on the Internet
- Also declare ECN Nonce experiment to be over
 - And reclassify RFC 3540 as Historic
- Draft content: Just the facts
 - Reference existing drafts (see previous slide) for rationale
- Goal: Submit ECN process draft to IESG in August