DTLS over DCCP -03

Tom Phelan
2007-Dec-05
tphelan@sonunsnet.com
Updated with Last Call Comments

- Editorial:
  - Found a few typos
  - Passes idnits

- Substantive:
  - DTLS handshake in DCCP-Request/Response confused people
    - Most of magic built into DCCP/DTLS – if you’re unfamiliar with one or other can cause confusion
    - Added fair amount of explanation
    - Added couple of new requirements to avoid common traps
More Substantive Changes

- Added section on effects of congestion control
  - Mostly informative
  - One SHOULD
- Added section on relationship between lives of DCCP connection and DTLS session
  - Completely informative
  - Note connection nature of DCCP is new to DTLS, but not TLS
    - DTLS/DCCP behaves like TLS/TCP in this regard
More Substantive Changes

- Rewording of PMTU Discovery section
  - Added discussion of DCCP MPS (Maximum Packet Size) and relation to PMTU
  - Gorry and I have had an exchange on this and come up with one more rewording
    - I think we’ve converged

- Addition to Service Codes section on apps that start without DTLS then switch
  - One word change pending per Gorry comment
Next Steps

- 04 with changes to Gorry’s comments soon
- Another short last call