Performance Implications of Link Characteristics (PILC)

Aaron Falk

a.falk@ieee.org

Spencer Dawkins

spencer.dawkins@fnc.fujitsu.com

Overview

- Working group near completion

- ASYM and ARQ basically done

- Based on list discussion on 2.5G3G and LINK, likely to be a few more revs of docs before completion

- May not meet in Salt Lake City

Working Group Status: Completed Items

- Performance Enhancing Proxies Intended to Mitigate Link Related Degradations (PEP)
  - RFC 3135 (Informational) released June 2001

- End-to-end Performance Implications of Links with Errors (ERROR)
  - approved for BCP July 2001
  - In RFC editor queue: "awaiting processing & publishing"

Working Group Status:
Completed Items

- End-to-end Performance Implications of Slow Links (SLOW)
    - RFC 3150 (BCP) released July 2001

Working Group Status: Items in Progress

- TCP Performance Implcations of Network Path Asymmetry (ASYM)
  - draft-ietf-pilc-asym-05.txt
  - Agreed to pursue Informational status due to lack of implementation experience with mitigations

- Advice to Link Designers on Link Automatic Repeat reQuest (ARQ)
  - draft-ietf-pilc-link-arq-issues-02.txt
  - Informational

Working Group Status: Items in Progress

- Advice for Subnet Designers (LINK)
  - draft-ietf-pilc-link-design-06.txt
  - BCP

- TCP over 2.5G and 3G Wireless Networks (2.5g3g)
  - draft-ietf-pilc-2.5g3g-03.txt
  - BCP

Next Steps

- Move ARQ & ASYM to wg last call (take hum today)
- Resolve Security Considerations section in LINK
- Rev 2.5g3g, will need to last call again