Performance Enhancing Proxies

draft-ietf-pilc-pep-00.txt

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Current Content

♦ Types of PEPs
♦ Implications of Using PEPs
♦ PEP Environment Examples
♦ PEP Terminology Summary
Types of PEPs

♦ Transport layer PEPs - Application layer PEPs
♦ Integrated PEP - Distributed PEP
   - single proxy vs. multiple proxies
♦ Split Connection TCP
♦ Transparency
   - with respect to end system, application, user
♦ Tunnelling
♦ ACK Handling
♦ Compression
♦ Periods of Disconnections
♦ Other: link local priority for each flow, ...
Implications of Using PEPs

♦ End-to-end IP security
♦ Fate Sharing
♦ End-to-end ACKs
♦ Other (text still missing)
  - end-to-end failure diagnostics
  - handoffs with proxies
PEP Environment Examples

♦ VSAT
♦ W-WAN (terrestrial)
♦ W-LAN
♦ Other examples (?)
To Do

♦ Add more details on various mechanisms (?)
♦ Add more implications
♦ Add missing text for implications and examples
♦ Add more examples (?)