Analysis of Port Control Protocol in Mobile Network

draft-chen-pcp-mobile-deployment-02
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Gang Chen, Zhen Cao
Mohamed Boucadair
Vizdal Ales
Laurent Thiebaut

China Mobile
France Telecom (Speaker)
Deutsche Telekom
Alcatel-Lucent
Motivation

• It’s highly desirable to adopt PCP in Mobile networks
  – Keepalive Message Optimization
  – Energy Saving on terminals
  – Restoring Internet Reachability
  – Balance Resource Assignment

• Why is the document needed?
  – Encourage devices with low battery resources to embed a PCP client
  – Promote PCP in operator’s networks
  – Harmonize considerations towards PCP designers/implementers
Scope

- Elaborate concerns/considerations with PCP deployment in a mobile environment
- Share the thoughts for potential improvements
- The covered topics
  - Deployment architecture
  - PCP Server Discovery
  - MN and multi-homing
  - Retransmission Consideration
  - Unsolicited Messages Delivery
  - SIPTO Architecture
  - Authentication Consideration
Status

• The works had been presented at IETF#83, 84
• We are encouraged to improve the draft and address all comments on the list
• The contents in the draft are stable

Next Step

• Adopted it as an new work item?