Analysis of the Port Control Protocol in Mobile Networks

draft-chen-pcp-mobile-deployment-02

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Status

- The work had been presented at IETF#83, 84, 85 during the PCP wg session

- Authors were encouraged to present the work at IETF#86 Intarea meeting to solicit feedback from a wider audience

Covered Topics

- Deployment architecture

- PCP Server Discovery

- MN and multi-homing

- Refresh Consideration

- Unsolicited Messages Delivery

- SIPTO Architecture

- Authentication Consideration

We didn't intend to propose new protocol works in the document

Updates in next version

- Address all comments from Reinaldo
  - Thank you for the detailed reviews
- PCP Server Discovery
  - Two documents are closely relevant
  - draft-cheshire-pcp-anycast-01
  - draft-kiesel-pcp-ip-based-srv-disc-00

Authentication Considerations

- Thanks to the existing work:
  - Authentication requirements
    - draft-reddy-pcp-auth-req-01
  - PCP authentication methods
    - draft-ietf-pcp-authentication-01
    - Need interface between PCP server and the AAA server
- Analysis
  - Basically the solutions suffice
  - More analysis of applicability would be added

Next Step

- The contents in the draft is stable

- Adopt in PCP?

- Or, transfer the work to other wg?