PCP Working Group

IETF 86 – Orlando
March 2012

Chairs:
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Logistics

• Note takers; jabber scribe
• Meeting Materials (Slides, Agenda, etc.)
  – http://tools.ietf.org/wg/pcp/agenda
• XMPP
  – pcp@jabber.iertf.org
• Mailing List
  – pcp@ietf.org
PCP Meeting Agenda Policy

- By default, time slots are granted in the following priority order:
  1) WG documents
  2) Individual drafts which have gotten discussion on the list
  3) Others

- PCP WG does not give 5 minute slots, so don’t ask
Tuesday Agenda (1/2)

TUE 1300-1500
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Welcome, Agenda bashing, Document/Milestone Status (10, Chairs)

PCP Server Discovery: 40 minutes
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DHCP Options for the Port Control Protocol (PCP) (15, Jaqueline Queiroz)

PCP Anycast (15, Stuart Cheshire)
http://www.ietf.org/id/draft-cheshire-pcp-anycast-00.txt

PCP Server Discovery Based on Well-Known Address (10, Reinaldo Penno)
Tuesday Agenda (2/2)

PCP Proxying: 40 minutes
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PCP Proxy (15, Jaqueline Queiroz)

Recursive PCP (15, Stuart Cheshire)
http://www.ietf.org/id/draft-cheshire-recursive-pcp-00.txt

PCP Nested NAT/Middlebox (10, Reinaldo Penno)

Other
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PCP Radius Extensions (15, Dean Cheng)

PCP Failure Scenarios (15, Jaqueline Queiroz)

PCP – IETF 86
THU 1300-1500
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Welcome, Agenda bashing                               (5, Chairs)

Authentication: 55 minutes
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PCP Authentication Requirements                      (40, Dan Wing)
PCP-PANA Implementation Report                      (15, Yoshihiro Ohba)
Thursday Agenda (2/2)

THU 1300-1500 (cont.)
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Other
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PCP Nat Coord (20, Simon Perreault)
   http://tools.ietf.org/id/draft-tsou-pcp-natcoord-10.txt

Optimizing NAT and Firewall Keepalives Using (PCP) (10, Markus Isomaki)

PCP Flow Examples (10, Reinaldo Penno)
   https://datatracker.ietf.org/doc/draft-boucadair-pcp-flow-examples

Learning NAT64 PREFIX64s using PCP (10, Jaqueline Queiroz)
   http://tools.ietf.org/html/draft-ietf-pcp-nat64-prefix64-00

Using PCP to Reveal a Host behind NAT (10, Jaqueline Queiroz)
Status of Current WG Docs

- pcp-base: in AUTH48
- pcp-upnp-igd-interworking: submitted to IESG
- pcp-dhcp: updated after WGLC, in discussion with ADs, on agenda
- pcp-server-selection: active, see next slide
- pcp-proxy: active, on agenda
- pcp-authentication: awaiting outcome of requirements discussion on Thursday agenda
- pcp-nat64-prefix64: active, on agenda
Current Milestones

• Oct 2010: First WG draft on PCP protocol description
• Dec 2010: First WG draft on PCP service discovery
• Feb 2011: First WG draft on UPnP relay
• Feb 2011: First WG draft on NAT-PMP relay
• May 2011: Send PCP protocol description to IESG for publication as Proposed Standard
• May 2011: Send PCP service discovery to IESG for publication as Proposed Standard
• Oct 2011: Send UPnP relay to IESG for publication as Proposed Standard
• Oct 2011: Send NAT-PMP relay to IESG for publication as Proposed Standard
Proposed Updated Milestones

- **DONE**: First WG draft on PCP protocol description
- **DONE**: First WG draft on PCP service discovery
- **DONE**: First WG draft on UPnP relay
- **DONE**: First WG draft on **NAT-PMP relay** **PCP proxy**
- **DONE**: Send PCP protocol description to IESG for publication as Proposed Standard
- **Mar 2013**: Send PCP service discovery to IESG for publication as Proposed Standard
- **Mar 2013**: Send UPnP relay to IESG for publication as Proposed Standard
- **Nov 2013**: Send **NAT-PMP relay** **PCP proxy** to IESG for publication as Proposed Standard