

PCP Working Group

IETF 86 – Orlando
March 2012

Chairs:

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Note Well

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Logistics

- Note takers; jabber scribe
- Meeting Materials (Slides, Agenda, etc.)
 - <http://tools.ietf.org/wg/pcp/agenda>
- XMPP
 - pcp@jabber.ietf.org
- Mailing List
 - pcp@ietf.org
 - <http://www.ietf.org/mailman/listinfo/pcp>

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

DHCP Options for the Port Control Protocol (PCP) (15, Jaqueline Queiroz)

<http://tools.ietf.org/html/draft-ietf-pcp-dhcp-06>

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)

<http://tools.ietf.org/html/draft-kiesel-pcp-ip-based-srv-disc-00>

Tuesday Agenda (2/2)

PCP Proxying: 40 minutes

PCP Proxy (15, Jaqueline Queiroz)

<http://tools.ietf.org/html/draft-ietf-pcp-proxy-02>

Recursive PCP (15, Stuart Cheshire)

<http://www.ietf.org/id/draft-cheshire-recursive-pcp-00.txt>

PCP Nested NAT/Middlebox (10, Reinaldo Penno)

<http://tools.ietf.org/html/draft-penno-pcp-nested-nat-03>

Other

PCP Radius Extensions (15, Dean Cheng)

<http://tools.ietf.org/html/draft-maglione-pcp-radius-ext-05>

PCP Failure Scenarios (15, Jaqueline Queiroz)

<http://tools.ietf.org/html/draft-boucadair-pcp-failure-05>

Thursday Agenda (1/2)

THU 1300-1500

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Welcome, Agenda bashing

(5, Chairs)

Authentication: 55 minutes

PCP Authentication Requirements

(40, Dan Wing)

<http://tools.ietf.org/html/draft-reddy-pcp-auth-req-00>

PCP-PANA Implementation Report

(15, Yoshihiro Ohba)

Thursday Agenda (2/2)

THU 1300-1500 (cont.)

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Other

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)
<http://tools.ietf.org/html/draft-reddy-pcp-optimize-keepalives-01>

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)
<http://tools.ietf.org/html/draft-boucadair-pcp-nat-reveal-00>

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