PCN

Congestion and Pre-congestion Notification

IETF 75 - Stockholm
Monday 2009-07-27
Note Well

Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

• the IETF plenary session,
• any IETF working group or portion thereof,
• the IESG or any member thereof on behalf of the IESG,
• the IAB or any member thereof on behalf of the IAB,
• any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices,
• the RFC Editor or the Internet-Drafts function

All IETF Contributions are subject to the rules of RFC 3978 (updated by RFC 4748) and RFC 3979 (updated by RFC 4879).

Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice.
Please consult RFC 3978 (and RFC 4748) for details.

A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.
Administrivia (1)

• Chairs:
  - Scott Bradner  <sob@harvard.edu>
  - Steven Blake  <slblake@petri-meat.com>

• Mailing list:
  - <pcn@ietf.org>

• PCN homepage:

• Meeting materials:
  - https://datatracker.ietf.org/meeting/75/materials.html
Administrivia (2)

• Blue sheets
• Note takers
• Jabber scribe
  - pcn@jabber.ietf.org
• Agenda bash
Agenda

• 10 min    chairs         Administrivia
• 10 min    Chan          Encoding Comparison
draft-ietf-pcn-encoding-comparison-00
• 30 min    Eardley      PCN Encoding
draft-ietf-pcn-3-state-encoding-00
draft-ietf-pcn-3-in-
draft-ietf-pcn-psdm-encoding-00
• 25 min    chairs         PCN experiments next steps
• 30 min    Taylor        Controlled Load Edge Behavior
draft-ietf-pcn-cl-edge-behavior-00
Single Marking Edge Behavior
draft-ietf-pcn-sm-edge-behaviour-00
• 15 min    Satoh         Performance Evaluation of CL Termination
draft-satoh-pcn-performance-termination-00
• 10 min    chairs         PCN working group next steps?
Document Status

• RFC 5559 (PCN architecture) published!
• draft-ietf-baseline-encoding and draft-ietf-pcn-marking-behavior completed WG last-call and have been sent to the IESG.
• WG last-call (hopefully) forthcoming for SM and CL edge behavior drafts.
Goals and Milestones (1)

- Nov 2008: Submit "Pre-Congestion Notification (PCN) Architecture" (Informational)
- Mar 2009: Submit “Encoding and Transport of (Pre-)Congestion Information from within a Diffserv Domain to the Egress” (Proposed)
- Mar 2009: Submit “(Pre-)Congestion Detection within a Diffserv Domain” (Proposed)
- Mar 2009: Submit “Survey of Encoding and Transport Choices of (Pre-)Congestion Information within a Diffserv Domain” (Informational)
- Jul 2009: Submit “Requirements for Signaling of (Pre-)Congestion Information from Egress to Ingress in a Diffserv Domain” (Informational)
Goals and Milestones (2)

- Nov 2009: Submit “Encoding and Transport of (Pre-) Congestion Information from the Domain Egress to the Ingress” (Proposed)
- Nov 2009: Submit “Suggested Flow Admission and Termination Boundary Mechanisms” (Informational)