

PCN

Congestion and Pre-congestion Notification

IETF 73 - Minneapolis
Tuesday 2008-11-18

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Administrivia (1)

- Chairs:
 - Scott Bradner <sob@harvard.edu>
 - Steven Blake <slblake@petri-meat.com>
- Mailing list:
 - <pcn@ietf.org>
 - <http://www.ietf.org/mail-archive/web/pcn/index.html>
- PCN homepage:
 - <http://www.ietf.org/html.charters/pcn-charter.html>
- Meeting materials:
 - <https://datatracker.ietf.org/meeting/72/materials.html>

Administrivia (2)

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

Agenda

- 10 min chairs Administrivia
- 30 min Eardley Pre-Congestion Notification Architecture
[draft-ietf-pcn-architecture-08](#)
Marking Behavior of PCN Nodes
[draft-ietf-pcn-marking-behavior-01](#)
- 10 min Briscoe Baseline Encoding for PCN
[draft-ietf-pcn-baseline-encoding-01](#)
3-in-1 PCN Encoding
[draft-briscoe-pcn-3-in-1-encoding-00](#)
- 20 min Eardley PSDM Edge Behavior
[draft-menth-pcn-psdm-deployment-00](#)
- 15 min Satoh Single PCN-Threshold-Marking Using PCN Baseline Encoding
[draft-satoh-pcn-ST-marking-00](#)
- 10 min Briscoe Layered Encapsulation of Congestion Notification
[draft-ietf-tsvwg-ecn-tunnel-01](#)
- 5 min Mathis Rethinking TCP-friendly

Document Status

- draft-ietf-pcn-architecture: completed WG last call.
- draft-ietf-baseline-encoding: need to WG last call before March 2009.
- draft-ietf-pcn-marking-behavior: need to WG last call before March 2009.
- No encoding/transport survey draft in progress
 - draft-chan-pcn-encoding-comparison expired.

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)