

# PCN

Congestion and Pre-congestion Notification

IETF 71 - Philadelphia

Tuesday 2008-03-11

Thursday 2008-03-13

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# Administrivia (1)

- Chairs:
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  - Steven Blake <[steven.blake@ericsson.com](mailto:steven.blake@ericsson.com)>
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- PCN homepage:
  - <http://www.ietf.org/html.charters/pcn-charter.html>
- Meeting materials:
  - <https://datatracker.ietf.org/meeting/71/materials.html>

# Administrivia (2)

- Blue sheets
- Note takers
- Jabber scribe
  - [pcn@jabber.ietf.org](mailto:pcn@jabber.ietf.org)
- Agenda bash

# Agenda - Tuesday

- 10 min chairs Administrivia
- 50 min Eardley Pre-Congestion Notification Architecture  
[draft-eardley-pcn-architecture-03](#)
- 20 min Chan Pre-Congestion Notification Encoding Comparison  
[draft-chan-pcn-encoding-comparison-03](#)
- 40 min Moncaster Discuss PCN Encoding Options

# Agenda - Thursday

- 5 min chairs Administrivia
- 20 min Menth Performance of Admission Control Methods  
[draft-menth-pcn-performance-02](#)
- 20 min Menth Edge-assisted Marked Flow Termination  
[draft-menth-pcn-emft-00](#)
- 20 min Karagiannis LC-PCN  
[draft-westberg-pcn-load-control-03](#)
- 20 min Moncaster Further Discussion on Encoding Options
- 25 min Charny Moving Forward With Existing Proposals  
[draft-charny-pcn-comparison-00](#)
- 20 min Charny Single Marking  
[draft-charny-pcn-single-marking-03](#)  
[draft-zhang-pcn-performance-evaluation-02](#)
- 20 min Jain A Simple Analytical Model for Pre-Congestion Notification

# Goals and Milestones (1)

- Nov 2007: Submit "Flow Admission and Termination Architecture within a Diffserv Domain" (Informational)
- Nov 2007: Submit "Survey of Encoding and Transport Choices of (Pre-)Congestion Information within a Diffserv Domain" (Informational)
- Mar 2008: Submit "(Pre-)Congestion Detection within a Diffserv Domain" (Proposed)
- Mar 2008: Submit "Requirements for Signaling of (Pre-)Congestion Information from Egress to Ingress in a Diffserv Domain" (Informational)
- Jul 2008: Submit "Encoding and Transport of (Pre-)Congestion Information from within a Diffserv Domain to the Egress" (Proposed)

# Goals and Milestones (2)

- Jul 2008: Submit “Suggested Flow Admission and Termination Boundary Mechanisms” (Informational)
- Nov 2008: Submit “Encoding and Transport of (Pre-) Congestion Information from the Domain Egress to the Ingress” (Proposed)

# Where are we?

- Hopefully close to WG last call on our first milestone document. This milestone gates all of our other milestones.
- Need a WG document for the second milestone document; one candidate draft. This milestone gates our fifth milestone. Need to resolve issues with this draft ASAP.
- Multiple proposals for the interior marking, egress metering, and admissions/termination algorithms. Selection/convergence amongst these is needed ASAP.