PCN

Congestion and Pre-congestion Notification

IETF 71 - Philadelphia
Tuesday 2008-03-11
Thursday 2008-03-13
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Administrivia (1)

• Chairs:
  - Scott Bradner  <sob@harvard.edu>
  - Steven Blake   <steven.blake@ericsson.com>

• Mailing list:
  - <pcn@ietf.org>

• PCN homepage:

• Meeting materials:
  - https://datatracker.ietf.org/meeting/71/materials.html
Administrivia (2)

• Blue sheets
• Note takers
• Jabber scribe
  - 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.