ALTO WG

Application-Layer Traffic Optimization (alto)

IETF 73
Tue Nov. 18, 2008

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Agenda

13:00    Administrivia (Chairs, 5)
13:05    Status of WG (Chairs/AD, 10)
13:15    Problem Statement (Chairs, 15)
          draft-marocco-alto-problem-statement-03
13:30    Requirements (S. Kiesel, 15)
          draft-kiesel-alto-reqs-01
13:45    P4P Design and Implementation (R. Yang, 10)
          draft-livingood-woundy-p4p-experiences-02
13:55    Comcast’s experience in P4P (R. Woundy, 10)
          draft-livingood-woundy-p4p-experiences-02
14:05    ALTO Information export service (R. Penno, 15)
          draft-shalunov-alto-infoexport-00
14:20    Routing proximity (S. Previdi, 15)
14:35    A Multi-dimensional peer selection problem (S. Das, 15)
          draft-saumitra-alto-multi-ps-00
14:50    Wrap-up (Chairs/AD, 10)
15:00    End
WG Status

- **History**
  - RAI area/MIT workshop, May 28, 2008
    - Why organized:
      - Discuss network delay and congestion issues resulting from increased P2P traffic usage.
    - Goals:
      1. Understand the technical problems faced by ISPs and users in the face of increased P2P traffic, and
      2. How can the IETF help address these issues?
    - Outcomes:
      - Transport area: standardize a congestion-control mechanism that scavenges idle bandwidth for its transmission (**ledbat WG**).
      - ALTO
ALTO WG

• Since the Dublin BoF:
  − Narrowed the charter to reflect that the “ALTO service [will] provide applications with information to perform ‘better-than-random’ initial peer selection.”
  − ALTO service is not open-ended; information to be provided must meet a criteria list.
  − ALTO protocol will be extensible; small set of services first, other usages considered as charter additions.
  − Established rapport with p2prg in IRTF.

• Chartered as a WG before Minneapolis IETF.

• Current work:
  − Problem-statement document
  − Requirements document
  − Solution space documents