

# ALTO WG



## Application-Layer Traffic Optimization (alto)

IETF 73

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# Agenda

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

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- **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