ALTO Deployment Considerations

draft-stiemerling-alto-deployments

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Changes in -05

• Slightly restructured
• Added discussion on what ALTO can achieve
  – traffic localization in an ISP or region
  – traffic “de-localization” away from an ISP or region
  – bottleneck avoidance
• Using ALTO for Tracker-based P2P Apps
  – discusses the need for ALTO/Tracker coupling
  – only figures – text to come
Way forward

• Teaming-up with Richard Alimi, Richard Yang, Xianghui
  – discussing new structure
  – merged document

• Updated draft after IETF
Proposed New Structure

• General ALTO Deployment Considerations
  – location of ALTO-Server (intra-ISP, extra-ISP)
  – how alto can be used (provided guidance in draft-05)
  – how to populate/provision the data in the server (cost/net-maps)
• Using ALTO for P2P
  (start with content from draft-05)
• Using ALTO for CDN
  (initially provide link to CDN draft)
• Advanced features
  – Cascading ALTO
  – v4/v6
  – monitoring ALTO
• API for ALTO Clients
• Security Considerations