IETF 96 Berlin

ALTO Chair Slides
IETF 96

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ALTO WG
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Status Quo of the WG

- Last physical meeting at IETF-93 (Prague)
- Virtual Interim Meeting in October 2015
- Milestones mostly on track
  – slightly behind schedule, though
- Plenty of new work / use cases
  – Several presentations today
Chair Slides

- Agenda bash
- Drafts in motion:
  - draft-ietf-alto-deployment
  - draft-ietf-alto-multi-cost
  - draft-ietf-alto-incr-update-sse
  - draft-randriamasy-alto-cost-calendar
  - draft-kiesel-alto-xdom-disc
Chair Slides: Drafts in motion

- **draft-ietf-alto-deployment**
  - Out of WG.
  - Multiple cross-area reviews triggered by IESG.
  - 3rd party IPR issue resolved.
  - -16 released that address cross-area reviews.
  - Ready to go to RFC Editor Queue!

- **draft-ietf-alto-multicost**
  - WGLC ended on Jul 18, 2016.
  - Reviewed by Wang Xin and Richard Yang. (Thanks!)
  - Authors to fill in WG on WGLC discussions.
  - Aim: Wrap up soon!
Chair Slides: Drafts in motion

- draft-ietf-alto-incr-update-sse
  - WGLC ended on Jul 18, 2016.
  - Reviewed by Mingming Chen and Yichen Qian (joint review), Gao Kai. (Thanks!).
  - Needs at least one more in-depth review.

- draft-randriamasy-alto-cost-calendar
  - Call for adoption issued on list with comments sought by Jul 18, 2016.
  - No comments so far.
  - Fairly mature draft and (mostly) well-understood in WG.
  - Aim is to see if WG will adopt this towards the charter deliverable (to be ratified on list).
Chair Slides: Drafts in motion

- draft-kiesel-alto-xdom-disc
  - The only draft towards a charter deliverable on an “alternative server discovery document”.
  - Good list discussion subsequent to chair request.
  - Aim is to see if WG will adopt this towards the charter deliverable (to be ratified on list).
Milestones (Update Proposal)

Nov 2014 - Submit alternative server discovery document → March 2017
  – draft-kiesel-alto-xdom-disc (currently WG item discussion)

  – draft-ietf-alto-incr-update-sse (currently in WGLC)

Jan 2015 - Submit deployment considerations document to IESG as Informational → DONE

Jan 2015 - Submit server-initiated notifications document → Oct 2016
  – draft-ietf-alto-incr-update-sse (currently in WGLC)

May 2015 - Submit endpoint property extension document → March 2017
  – draft-roome-alto-unified-props (presented multiple times)

  – draft-ietf-alto-incr-update-sse (currently in WGLC)

Jul 2015 - Submit network graph format document → March 2017
  – draft-yang-alto-path-vector (+ more drafts, presented multiple times)

Jul 2015 - Recharter or dissolve working group → March 2017
ALTO for CDNI

CDNI is using ALTO for FCI Interface

• Specification of CDNI FCI JSON Object
  – Done (draft-ietf-cdni-footprint-capabilities-semantics, in RFC-Editor Queue)

• Specification of Transport of FCI JSON Object
  – Defining a NEW Alto Service
    • ALTO CDNI FCI Map Media Type: application/alto-fcimap+json
  – Merger of
    • draft-ma-cdni-capabilities-09
    • draft-seedorf-cdni-request-routing-alto-08

• Move this work to ALTO WG?
  – Discussion on new ALTO service more ALTO-specific than CDNI work
  – ALTO WG to check that new ALTO service is compatible with generic extensions to the core ALTO protocol