

IETF 98 Chicago



ALTO Chair Slides IETF 98

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ALTO WG
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Chair Slides

- Status Quo
- Updated Milestones
- New Milestone on CDNI FCI
- Agenda bash
- Detailed progress overview with respect to charter items / milestones and current drafts

Status Quo of the WG

- Last physical meeting at IETF-96 (Berlin)
- No Virtual Interim Meeting in October 2016 (low interest)
- Steady progress on all Milestones
 - Mature WG item documents in most cases
 - But behind schedule: Updated deadlines for milestones (next slide)
 - Chairs would like to finish most milestones in the near future
- Some new work / use cases
 - Focus, however, is on finishing chartered items

Updated Milestones

- Submit alternative server discovery document Nov 2017
- Submit partial updates document July 2017
- Submit server-initiated notifications document July 2017
- Submit endpoint property extension document July 2017
- Submit cost property extension document March 2017
- Submit network graph format document Nov 2017
- Submit alto service for CDNI FCI objects Nov 2017** 
- Recharter or dissolve working group Nov 2017

New Milestone: ALTO Service for CDNI FCI

Why?

- Finalising work from the CDNI WG
 - CDNI is using ALTO for FCI Interface

What needs to be done?

- Specification of CDNI FCI JSON Object: RFC 8008 DONE
- **Specification of Transport of FCI JSON Object** Work in Progress
 - Objective: Defining a **NEW** Alto Service
 - ALTO CDNI FCI Map Media Type: application/alto-fcimap+json
 - 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
- No objections during ALTO session at IETF96 nor on the mailing list → added new milestone (see previous slide)

Agenda

IETF 98, March 26-31, 2017 Chicago, USA

ALTO WG Meeting, Fri Mar 31, 2017 0900-1130 Montreux

0900 - 0915 15" Agenda bash and WG update (Chairs)

0915 - 0925 10" ALTO Performance Cost Metrics, Q. Wi
<https://datatracker.ietf.org/doc/draft-ietf-alto-performance-metrics/>

0925 - 0935 10" ALTO Contextual Cost Values, S. Randriamasy
<https://datatracker.ietf.org/doc/draft-randriamasy-alto-cost-context/>

0935 - 0945 10" ALTO Cost Calendar, S. Randriamasy
<https://datatracker.ietf.org/doc/draft-ietf-alto-cost-calendar/>

0945 - 0955 10" Multi-Cost ALTO, S. Randriamasy
<https://datatracker.ietf.org/doc/draft-ietf-alto-multi-cost/>

0955 - 1025 30" ALTO Extension: Path Vector Cost Mode, D. Chen, R. Yang
<https://datatracker.ietf.org/doc/draft-yang-alto-path-vector/>

1025 - 1045 20" Traffic Optimization for ExaScale Science Applications, Q. Xiang
<https://datatracker.ietf.org/doc/draft-xiang-alto-exascale-network-optimization/>

1045 - 1105 20" ALTO Extension: Flow-based Cost Query, J. Zhang
<https://datatracker.ietf.org/doc/draft-gao-alto-fcs/>

1105 - 1120 15" Extensible Property Maps for the ALTO Protocol, R. Yang
<https://datatracker.ietf.org/doc/draft-roome-alto-unified-props-new/>

1120 - 1129 09" CDNI Footprint and Capabilities Advertisement, J. Seedorf
<https://tools.ietf.org/html/draft-seedorf-cdni-request-routing-alto-08>

1129 - 1130 01" Wrap up / Other business

Overview on Milestones

Milestone	Drafts	Status
Submit alternative server discovery document	draft-kiesel-alto-xdom-disc	Authors need to submit WG item doc
Submit partial updates document	draft-ietf-alto-incr-update-sse	Very mature
Submit deployment considerations document to IESG as Informational	RFC7971	DONE
Submit server-initiated notifications document	draft-ietf-alto-incr-update-sse	Very mature
Submit endpoing property extension document	draft-roome-alto-unified-props-new	Quite mature → Adopt today?
Submit cost property extension document	draft-ietf-alto-multi-cost draft-ietf-alto-cost-calendar	DONE Very mature
Submit network graph format document	draft-yang-alto-path-vector	Quite mature → Adopt today?