

# IETF 101, London, UK

## ALTO WG

### Monday, March 19, 2018

Jan Seedorf, HFT Stuttgart

Vijay K. Gurbani, Bell Laboratories/Nokia Networks

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# Status of the WG

- Focus is on finishing charter items / WG items
- Agenda has been set up accordingly
- Goal: finishing milestones **ASAP!**

# Agenda

IETF 101, London, March 17 - 23, 2018

ALTO Working Group

Monday, March 19, 2018. 1550 - 1720 Palace C

- 1550 - 1600 10' Agenda bash and WG update (Chairs)
- 1600 - 1608 08' ALTO overlap with PANRG (Brian Trammell)
- 1608 - 1617 09' ALTO unified properties (Dawn Chen)  
<https://datatracker.ietf.org/doc/draft-ietf-alto-unified-props-new/>
- 1617 - 1626 09' ALTO path vector (Dawn Chen)  
<https://datatracker.ietf.org/doc/draft-ietf-alto-path-vector/>
- 1626 - 1633 07' ALTO incremental updates (SSE) (Richard Yang)  
<https://datatracker.ietf.org/doc/draft-ietf-alto-incr-update-sse/>
- 1633 - 1640 07' ALTO CDNI request routing (Shawn Lin)  
<https://datatracker.ietf.org/doc/draft-ietf-alto-cdni-request-routing-alto/>
- 1640 - 1648 08' Cellular address in ALTO (Sabine Randriamasy)  
<https://datatracker.ietf.org/doc/draft-randriamasy-alto-cellular-adresses/>
- 1648 - 1656 08' ALTO-based broker-assisted multi-domain orchestration (Danny Perez)  
<https://datatracker.ietf.org/doc/draft-lachosrothenberg-alto-brokermdo/>
- 1656 - 1704 08' Unicorn: Resource orchestration for data analytics (Qiao Xiang)  
<https://datatracker.ietf.org/doc/draft-xiang-alto-multidomain-analytics/>
- 1704 - 1712 08' ALTO flow-based cost query (Jensen Zhang)  
<https://datatracker.ietf.org/doc/draft-gao-alto-fcs/>
- 1712 - 1720 08' ALTO path vector compression (Kai Gao)  
<https://datatracker.ietf.org/doc/draft-gao-alto-routing-state-abstraction/>

# WG Progress

- Last meeting: IETF 99, Prague (July 2017)
- Virtual Interim in Dec 2017
- **Multi-Cost published as RFC 8189**

# Status of Milestones and WG Items

- **Cross-Domain Server Discovery**
  - -02 version published recently
  - Ready for WGLC
- **Cost Calendar**
  - WGLC issued on -03 version
  - Result: No objections, will move ahead
- **Performance Metrics**
  - Requested Review from IETF Transport Area Expert Team
  - Advice needed on semantics, feedback loops, privacy

# Status of Milestones and WG Items

- CDNI FCI with ALTO
  - New -01 version published
  - Needs more work, not yet ready for WGLC
  - Shawn to present today
- SSE
  - New -09 Version published
  - Richard to present today
  - Ready for WGLC?

# Status of Milestones and WG Items

- Unified Properties and Path Vector
  - Dependency, move ahead as bundle
  - New -03 versions published for both documents
  - Discussion on mailing list on including cellular addresses or move ahead as is
    - Outcome/Decision?
  - Dawn to present today
  - Ready for WGLC?



# ALTO Cross-Domain Server Discovery

- Authors published new -02 version, addressing all comments
  - See draft-ietf-alto-xdom-disc-02
- Chairs think it is ready for WGLC
  - Will start WGLC soon after IETF-101

# ALTO

- Any other business?