IETF 106, Singapore

ALTO WG

Thursday, Nov 21, 2019

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(Acting chairs: Sabine Randriamasy, Nokia; Borje Ohlman, Ericsson)

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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!**

  - Problem: authors lax in finalizing their docs (e.g. see SSE draft)

  - Solution: chairs will divide the remaining drafts between them and follow up with authors / editors to close them out by March 2020 / Vancouver IETF

Agenda

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1550 - 1600 10" Chair slides / Agenda bash              Chairs
1601 - 1616 15" ALTO performance metrics [1]            R. Yang
1617 - 1632 15" Unified properties for ALTO [2]         S. Randriamasy
1633 - 1648 15" ALTO Extension: Path vector [3]         K. Gao
1649 - 1659 10" CDNI footprint and capabilities [4]     R. Yang
1700 - 1709  9" Using ALTO to determine service edge [5]    L. Contreras
1710 - 1720 10" Extending ALTO by using BGP communities [6] L. Contreras

[1] https://datatracker.ietf.org/doc/draft-ietf-alto-performance-metrics/
[2] https://datatracker.ietf.org/doc/draft-ietf-alto-unified-props-new/
[3] https://datatracker.ietf.org/doc/draft-ietf-alto-path-vector/
[4] https://datatracker.ietf.org/doc/draft-ietf-alto-cdni-request-routing-alto/
[5] https://datatracker.ietf.org/doc/draft-contreras-alto-service-edge/
[6] No draft yet
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WG Progress

- Last meeting: IETF 105, Montreal (July 2019)

- General Status (wrt Milestones)
  - Xdom doc in RFC Editor Queue
  - Cost Calendar in IESG Processing
  - SSE-Draft done, now in 2nd WGLC
    - New WGLC just issued, expires on Dec 8, 2019
    - Looking for two volunteers to review the draft!
  - All other WG items are very close to being finalized
    - Presentations on each of these today
    - Focus is on what is missing for WGLC

Status of Milestones and WG Items

- Cross-Domain Server Discovery (xdom)
  - In RFC Editor Queue

- Cost Calendar
  - in IESG Processing

Status of Milestones and WG Items

- ## SSE
  - Old WGLC was stale (expired July 4, 2018)
  - After IETF 104, chairs were to issue a new WGLC, which has recently been done
  - New WGLC expires on Dec 8, 2019
  - Looking for two volunteers to review the draft!

- ## CDNI FCI with ALTO
  - New -08 version published
  - Ready, but need feedback from CDNI WG
    - Message has been sent to CDNI WG asking to review the doc from CDNI perspective (deadline: Dec 15, will move ahead if no feedback received by then)
  - Jensen to present today

Status of Milestones and WG Items

- ## Performance Metrics
  - New -08 version published
  - Richard to present today
  - Ready for WGLC?

- ## Unified Properties and Path Vector
  - Dependencies, need to move ahead as bundle
  - New versions published for both documents
  - Kai / Sabine to present today
  - Ready for WGLC?

Application-Network Integration (ANI) side meeting

- ANI side meeting
  - Purpose: Study application-network integration to perform gap analysis; goal is to have better app-net integration based on ALTO.

- Agenda:
  - Welcome
  - Network aware 5G Cloud Interactive Service: Cloud Gaming, Yunfei Zhang (Tencent)
  - Integration of Telefonica CDN with the transport network, Luis Contreras (Telefonica)
  - Application-aware IPv6 networking, Zhenbin Li (Huawei)
  - App-Net Integration: possibilities, challenges, and next steps, Richard Yang (Yale University)
  - Conclusion

- Slides and minutes will be posted on ML.

- A second side meeting in Vancouver is envisioned; more on ML.

ALTO

- Any other business?

- Remember: Intent is to wrap up all existing work items by Vancouver.