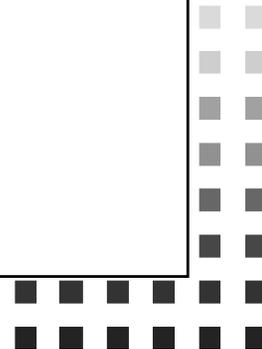
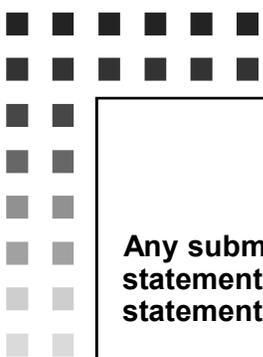


# **IETF ALTO Virtual Meeting 2017**

**IETF ALTO Virtual Meeting**  
**Monday, Dec-18-2017**

**Vijay K. Gurbani and Jan Seedorf**





# Note Well

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- Any IETF working group or portion thereof
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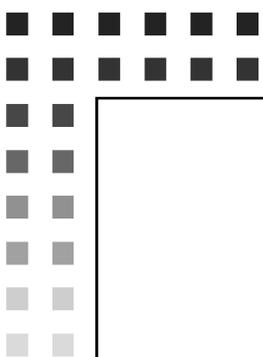
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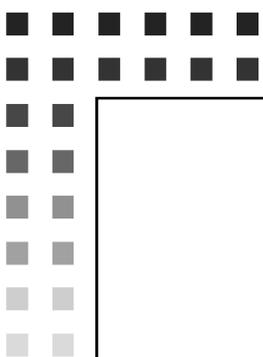
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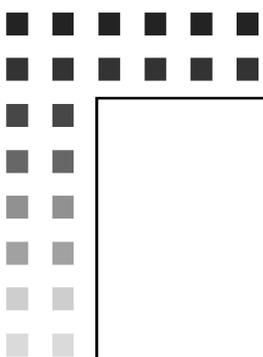
# Agenda

- 06:00 - 06:10 10' Agenda bash (chairs)**
- 06:10 - 06:20 10' CDNI request routing, Shawn Lin**
- 06:20 - 06:35 15' ALTO cost calendar, Sabine Randriamasy**
- 06:35 - 06:45 10' PANRG lightning talk on ALTO, Sabine Randriamasy**
- 06:45 - 06:55 10' ALTO path vector, Dawn Chen**
- 06:55 - 07:10 15' Unified property map, Dawn Chen**
- 07:10 - 07:25 15' Exascale network optimization, Qiao Xiang**
- 07:25 - 07:40 15' ALTO flow-based query cost extension, Jensen Zhang**
- 07:40 - 07:55 15' Compression ALTO path vectors, Kai Guo**
- 07:55 - 08:00 05' Wrap up**



# WG Status

- **Last face-to-face meeting: IETF 99, July 2017, Prague.**
- **Did not meet in IETF 100, November 2017, Singapore.**
- **Plan to meet in IETF 101, March 2018, London.**



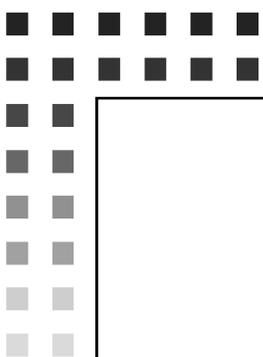
# WG Progress since IETF 99

- **RFC 8189 Multi-cost ALTO published in October 2017.**
- **Need to update milestones (massively).**

# WG Progress since IETF 99

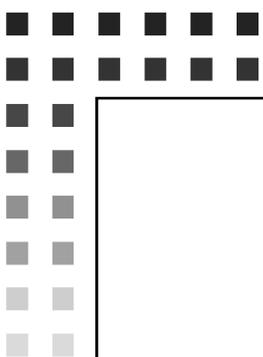
## Milestones

Date	⇄ Milestone
Nov 2017	Submit alto service for CDNI FCI objects
Nov 2017	Recharter or dissolve working group
Nov 2017	Submit alternative server discovery document
Nov 2017	Submit network graph format document
Jul 2017	Submit endpoing property extension document
Jul 2017	Submit server-initiated notifications document
Jul 2017	Submit partial updates document
<b>Done (partially)</b>	Submit cost property extension document
<b>Done</b>	Submit deployment considerations document to IESG as Informational



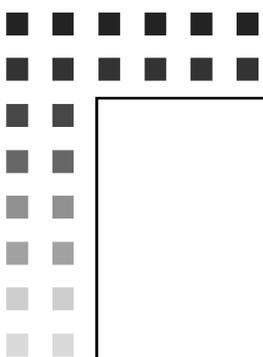
# WG Progress since IETF 99

- **Nov. 2017: Submit ALTO Service for CDNI FCI objects.**
- **Status:**
  - I-D exists: draft-ietf-alto-cdni-request-routing-alto-00
- **Nov. 2017: Submit alternative server discovery document.**
  - **Status:**
    - I-D exists: draft-ietf-alto-xdom-disc-01
    - **Not on agenda; authors to send quick status update on mailing list.**



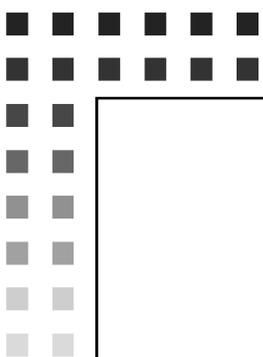
# WG Progress since IETF 99

- **Nov. 2017: Submit network graph format document.**
  - **Status:**
    - **I-D exists: draft-ietf-alto-path-vector-02**
    - **On agenda for today's meeting.**
- **Jul. 2017: Submit endpoint property extension document.**
  - **Status:**
    - **I-D exists: draft-ietf-alto-unified-props-new-01**
    - **On agenda for today's meeting.**



# WG Progress since IETF 99

- **Jul. 2017: Submit server-initiated notifications document.**
  - Status:
    - I-D exists: draft-ietf-alto-incr-updates-sse-07
    - **Not on agenda; authors to send quick status update on mailing list.**
- **Jul. 2017: Submit partial updates document.**
  - Status:
    - I-D exists: draft-ietf-alto-incr-updates-sse-07
    - **Not on agenda; authors to send quick status update on mailing list.**



# WG Progress since IETF 99

- **Mar. 2017: Submit cost property extension document.**
  - **Status:**
    - **Multi-cost now an RFC.**
    - **draft-ietf-alto-cost-calendar-03 to be discussed in meeting.**
    - **draft-ietf-alto-performance-metrics-02 not on agenda; authors to send quick status update on mailing list**