

# LF EDGE - State of the Edge (SOTE) Project

## Working Group Meeting

February 1st, 2023



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# Agenda



- I. Introductions
- II. State of the Edge Project Introduction
- III. Working Group Process Information
- IV. Open Discussion - Themes / Topics for SOTE 2023 Report and Q&A

# I. Introductions



- Your name, company/organization and role ?

# I. Introductions



- Hakan Sonmez – State of the Edge Project, Chair



**Hakan Sonmez**  
Product Strategy and  
Operations Manager, at IBM  
Edge Computing and  
Software Defined  
Networking Business Unit

Hakan currently serves as a Product Strategy and Operations Manager at IBM's Edge Computing and SDN business unit. His focus areas are Edge computing, Hybrid Multi-Cloud Networking and applying AI/ML to multi-cloud operations. He works closely with IBM technical leadership on the Open Horizon project of LF Edge. Previously, he was a lead consultant at IBM Corporate Strategy team.

Prior to IBM, Hakan held various technology roles in Networking and Telco industry, including Cisco Systems, Airvana Networks, Sycamore Networks and NextWave Wireless.

Hakan holds a BS in Electrical Engineering from Middle East Technical University, an MS in Electrical Engineering from Northwestern University, and an MBA degree from MIT Sloan School of Management.

LinkedIn: <https://www.linkedin.com/in/hakansonmez/>

# II. State of the Edge (SOTE) - Introduction

## Brief context and history of the SOTE

- What is State of the Edge project?
  - One of the 11 active projects under Linux Foundation Edge Organization
  - State of the Edge is a vendor-neutral platform for open research on edge computing that is dedicated to accelerating innovation by crowdsourcing a shared vocabulary for edge.
  - The project develops free, shareable research that is widely adopted and used to discuss compelling solutions offered by edge computing and the next generation Internet.
- **5 annual reports** have been published **since 2018**
- Typically, a ~70-90 pages report with 4-5 chapters
- One of the top five most downloaded publications on Linux Foundation website
- More info at: [www.stateoftheedge.com](http://www.stateoftheedge.com) and [www.lfedge.org/projects/stateoftheedge](http://www.lfedge.org/projects/stateoftheedge)



## State of the Edge – Past Chairs



**Matt Trifiro**  
CMO, Vapor IO  
Report Co-Chair



**Jacob Smith**  
VP Strategy & Marketing, Equinix  
Report Co-Chair

# II. State of the Edge (SOTE) - Introduction

## Contents Page Example from a Past Report (2021)

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## "Postcards from the Edge" Examples

*Edge is the New Cloud*

As the founder and CEO of SoftLayer (now IBM Cloud) I had the opportunity to be at the forefront of the cloud era. I believe that what the "cloud" is today, the "edge" is leading the way.

So who will win? I believe it has to be the services that emerge, and innovative websites to meet the form that is original to hyperscale, and a fully secure SaaS.



*Bridging the Last Mile: Convergence at the Infrastructure Edge*

For as long as communication networks have existed, the last mile has presented unique infrastructural challenges and the most distributed port mile is often the hardest by being the closest to the user. It is also the most important in enabling next-generation network and computing foundation for a new way to fix the last mile.



**Cole Crawford**  
Founder & CEO at VaporIO

*The Data Layer Challenge at the Rapidly Evolving Edge*

In the early days of the cloud, visionaries predicted that enterprise infrastructure would quickly migrate to few large cloud providers. Unfortunately, the early cloud hype got ahead of reality—because public cloud faces a huge issue it can't solve on its own: latency. The edge is developing quickly, but the initial emphasis has been on providing compute capabilities, with little thought given to storage.



**Ellen Rubin**  
CEO, Clear Sky Data

# III. Working Group Process Information

## Process Information

- SOTE Working Group meetings occurring once in every 2 weeks for content review and guidance
  - Every other Wednesday @3pm EST on Zoom
- Budget of \$25K allocated to spend on industry analysts / tech journalist for content (i.e., chapters) writing
- **Tentative (ballpark) timeline**
  - Working group meetings start by February 1st, Wed, 2023
  - Working with analysts and content creators in February and March for content gathering
  - Full report draft by mid-April
  - Reviews and revisions by mid-May
  - Publication by end of May or early-June
- To join State of the Edge email lists : <https://lists.lfedge.org/g/stateoftheedge>
  - Subscribe to SOTE general email list: [stateoftheedge+subscribe@lists.lfedge.org](mailto:stateoftheedge+subscribe@lists.lfedge.org)
  - Subscribe to SOTE Working Group email list: [stateoftheedge-wg-research+subscribe@lists.lfedge.org](mailto:stateoftheedge-wg-research+subscribe@lists.lfedge.org)



## IV. Open Discussion and Q&A

- What themes and topics would you like to see being included in SOTE 2023 report?
- In what ways would you like to contribute to the report?
  - Content review and content guidance
  - Content creation: Postcards from the Edge
  - Other ways ?
- Q & A

# Backup