

NANOG 78

Welcome



L Sean Kennedy

NANOG Board of Directors



Welcome to San Francisco!

Welcome to NANOG 78

- 1,121 Individuals in Registered
- 320 NANOG Members
- 8 Students
- 20 NCI Participants
- 295 First Time Attendees

Thanks to our Hackathon Sponsors



Thanks to our Host and Connectivity Sponsors



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NANOOG 78

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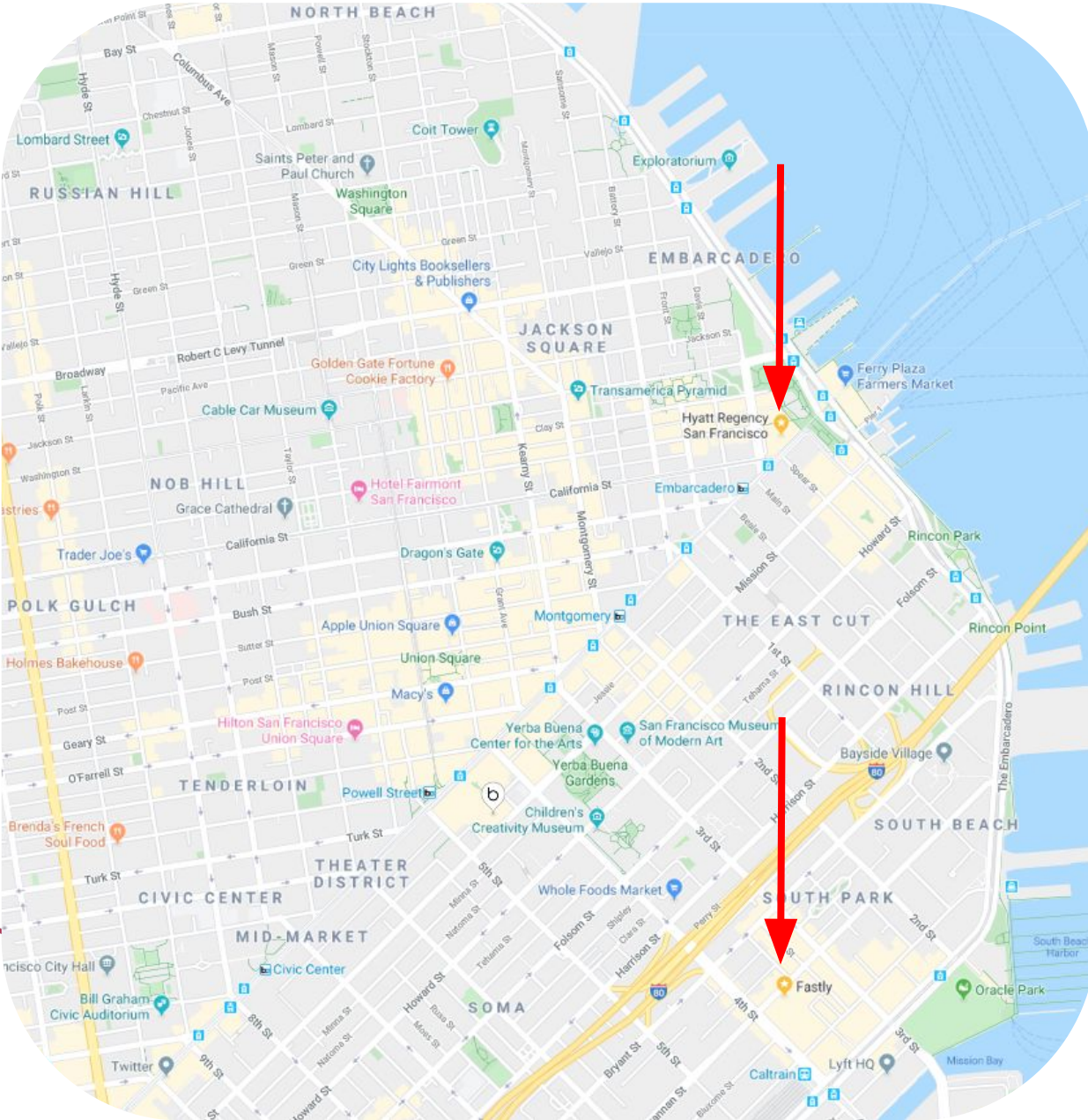


Tom Daly

Fastly

The logo for Fastly, featuring the word "fastly" in a white, lowercase, sans-serif font. The letter 'a' is stylized with a clock face inside it, showing a single hand pointing towards the top-right. A registered trademark symbol (®) is located to the right of the 'y'. The logo is centered within a large, white-outlined rounded rectangle on a red background.

fastly®



Welcome to San Francisco!

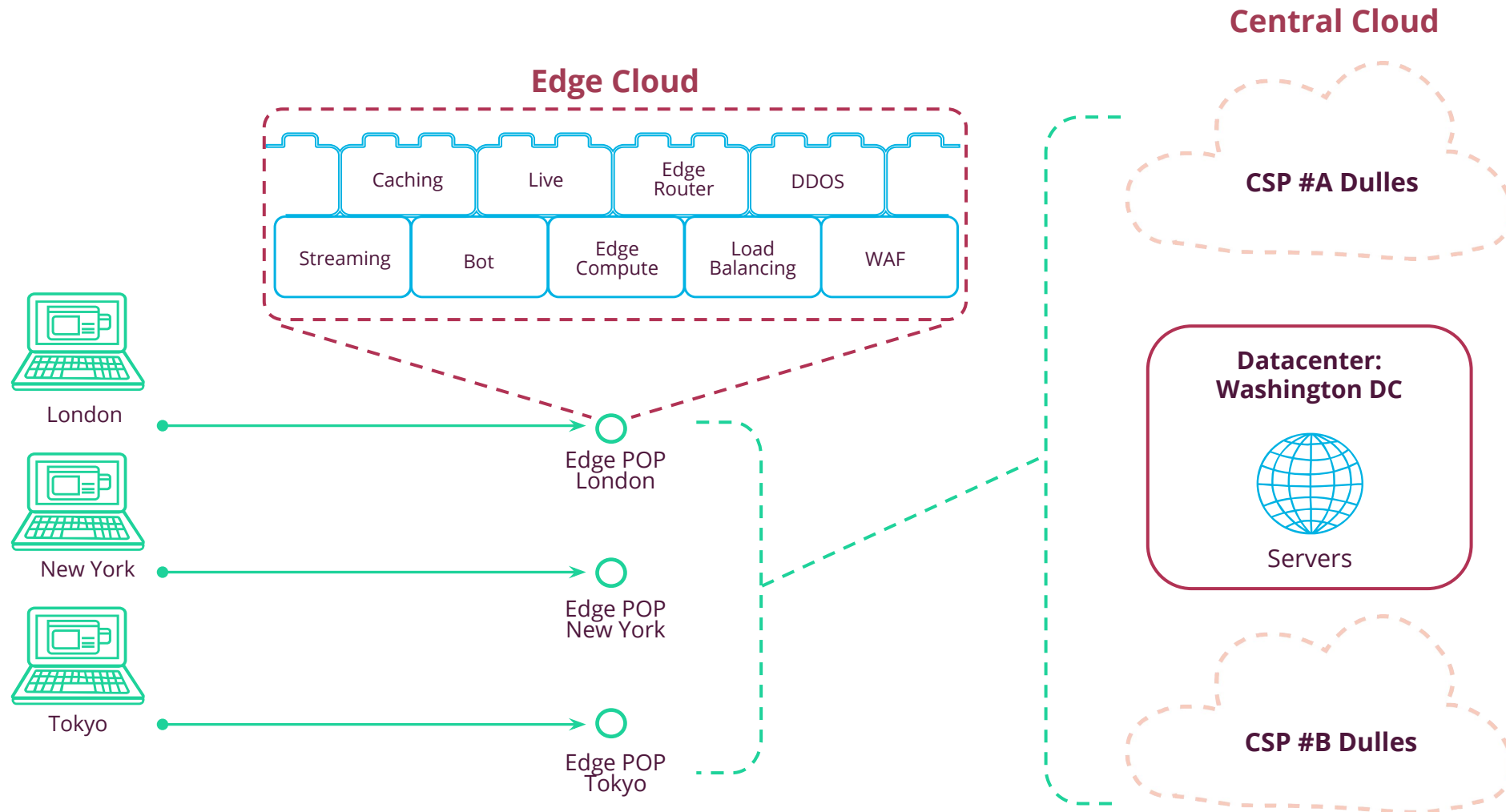
- Population: ~5MM Humans
- Hometown to Fastly Global HQ
- Please explore!



Edge Cloud Platform

Introduction for NANOG 78
San Francisco, CA

The Central Cloud must extend to the Edge



Fastly is a Software Engineer's Edge Cloud



Edge Advantages



- Better performance
- Better user experience
- More agility
- CI/CD integration
- Instant scale
- Greater control
- Heightened security
- Real-time visibility



- Reduce TCO
- Lower demand on origin
- Reduce time to deploy

Software-defined modern network... built on our NANOG community

66

of POPs
(as of 9/30/2019)

58

Tb/s Capacity
(as of 9/30/2019)

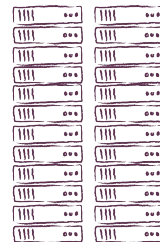
75

of IXPs
(as of 9/30/2019)



POPs built with:

- Semi-custom Servers
- Open Network Gear
- Colocation Suppliers supporting up to 15kVA per Cabinet

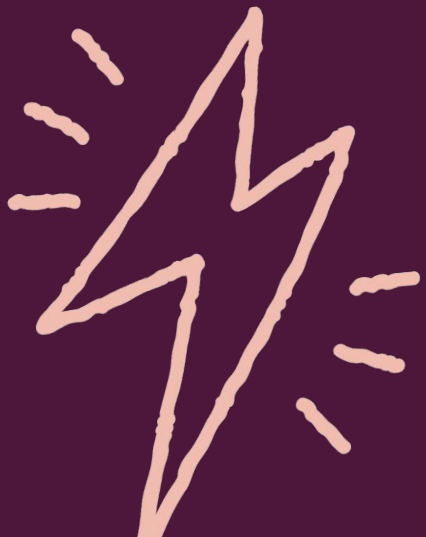


Globally connected with:

- IP Transit Providers
- IXPs
- Interconnect Partners
- Cloud Service Providers

Fastly builds on a NANOG ecosystem

The NANOG Ecosystem





Education and Knowledge Sharing



A Forum for Community

The NANOG Archives

You can get [more information about this list](#).

Archive	View by:	Downloadable version
February 2020:	[Thread] [Subject] [Author] [Date]	[Gzip'd Text 2 KB]
January 2020:	[Thread] [Subject] [Author] [Date]	[Gzip'd Text 408 KB]
December 2019:	[Thread] [Subject] [Author] [Date]	[Gzip'd Text 319 KB]
November 2019:	[Thread] [Subject] [Author] [Date]	[Gzip'd Text 254 KB]
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August 2019:	[Thread] [Subject] [Author] [Date]	[Gzip'd Text 296 KB]
July 2019:	[Thread] [Subject] [Author] [Date]	[Gzip'd Text 292 KB]
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May 2019:	[Thread] [Subject] [Author] [Date]	[Gzip'd Text 276 KB]
April 2019:	[Thread] [Subject] [Author] [Date]	[Gzip'd Text 228 KB]
March 2019:	[Thread] [Subject] [Author] [Date]	[Gzip'd Text 284 KB]
February 2019:	[Thread] [Subject] [Author] [Date]	[Gzip'd Text 244 KB]
January 2019:	[Thread] [Subject] [Author] [Date]	[Gzip'd Text 373 KB]

Doing Good for the Everyday Internet



NANO GTM

Welcome!

fastly[®]

NANOG 78

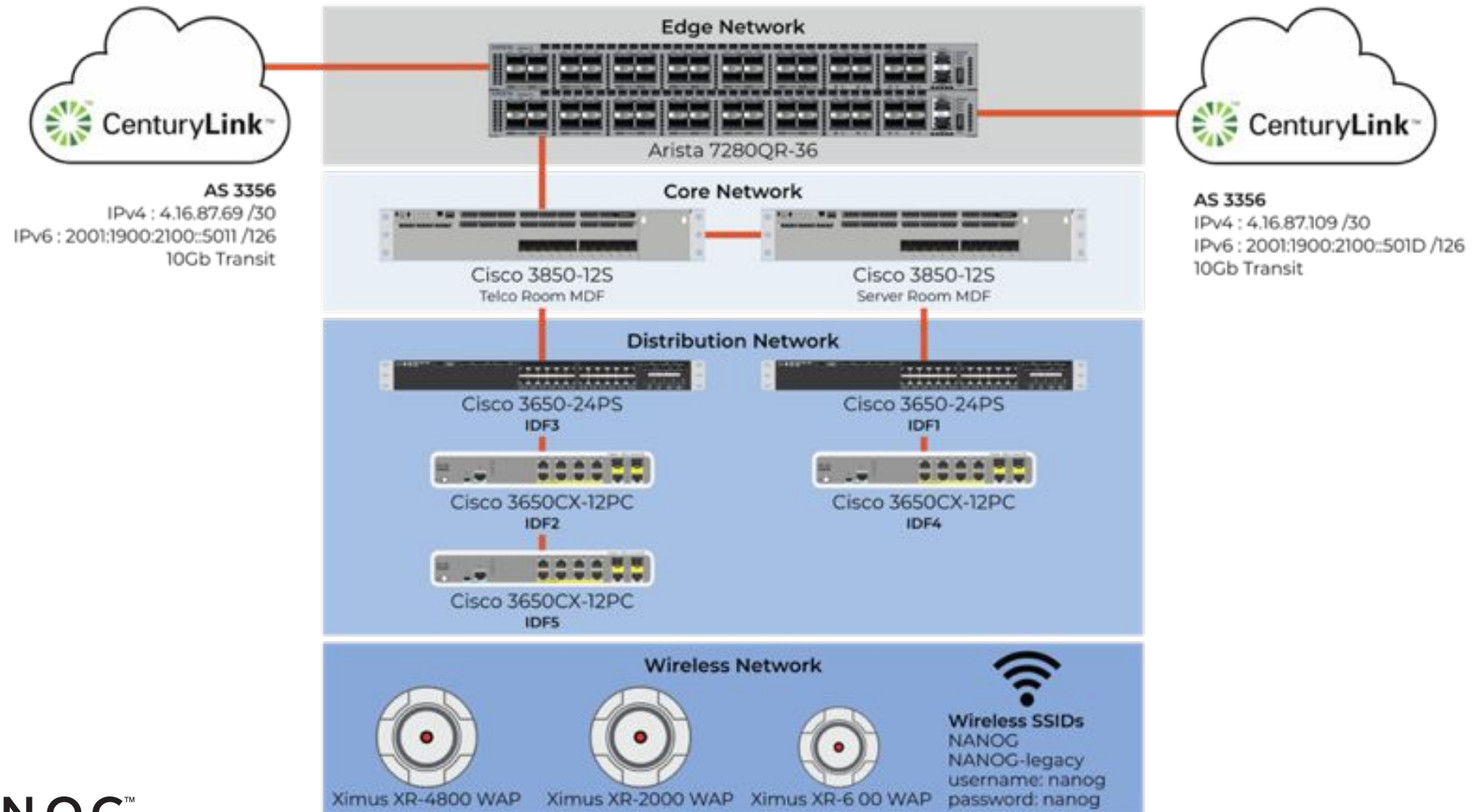
Program Overview



Vincent Celindro

NANOG Program Chair

Network Diagram



Program Notes

- 34 presentations, panels, tutorials, and lightning talks; content entirely peer-reviewed
 - 25 members of the Program Committee
 - Appointed by the Board
 - Self-governing
 - Look for *Program Committee* on our badge if you have questions or feedback

Program Notes

- Talks include:
 - 2 Keynotes - Amin Vahdat & Bikash Koley
 - 2 Panels - professional development, methods to secure routing
 - 21 Talks - DNS, RPKI, automation, SRv6 and more...
 - 1 Tutorial - IPv6 introduction
 - 2 Workshops - RPKI ROA, Public Speaking Forum
 - 6 Lightning Talks - submit your ideas!

Program Notes

- Microphone Guidelines and Attendance Charter
<https://www.nanog.org/about/code-conduct/>
- Submit Lightning Talk submissions for Tuesday & Wednesday at
<https://www.nanog.org/meetings/submit-presentation/>
- Agenda available online and in Guidebook
- Webcast URLs:
<https://nanog.digitellinc.com/nanog/live/8/page/8>
<https://www.youtube.com/teamnanog>
- Presentation Materials linked from Agenda

NANOG 78 Amenities

- General Session: Grand Ballroom
- Breakout: Bayview Room
- Registration & PM Breaks: Grand Ballroom Foyer
- General Breakfast & Lunch: Pacific Concourse B-K
- Newcomers: Pacific Concourse L-O
- Peering/Members/WIT: Pacific Concourse L-O
- Network Lounge/Espresso Bar: Market Street Foyer

Meeting Survey

- Surveys online or Guidebook app
 - <https://www.nanog.org/surveys>
- Tuesday Afternoon *for Monday Survey*
- Wednesday Morning *for Tuesday Survey*
- Wednesday Afternoon *for Wednesday AM Survey*

- *Each drawing is for a \$100 gift card*





Remembering Bill Manning



Enjoy the program