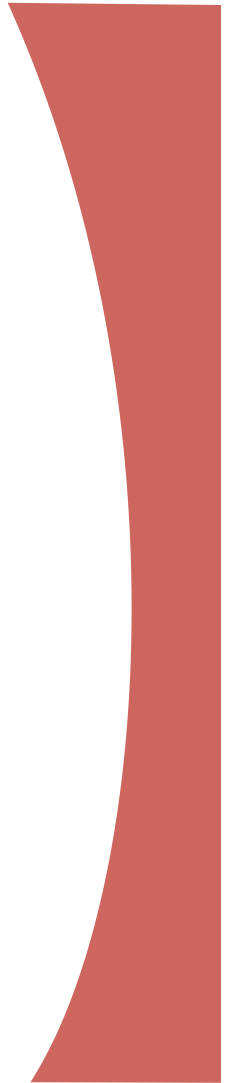


Welcome to NANOG 71

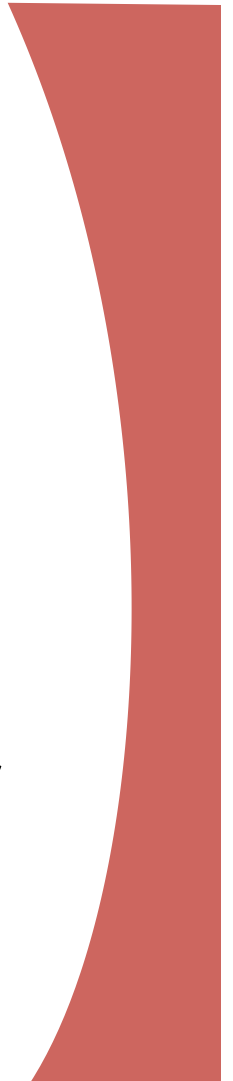
Dave Temkin

NANOG Board of Directors



Welcome to NANOG 71

- Registration **1276**
- REMINDER: Wear your badge!
 - Access to meals & meeting t-shirt
 - Access to socials
- 3 Days of Great Peer reviewed content
- Ongoing Commitment to supporting New Operators
 - Update on Scholarship Awardee
- Thank you to our Sponsors who recognize NANOG's Vendor Neutrality
 - Sponsorship - Premium and Individual Meeting Sponsor Support



Membership

Vote in our elections –

Opened Today, 8:00 AM Pacific

Closes Wednesday, October 4, 2017, 12:00 PM Pacific

Access the ballot at <https://www.bigpulse.com/p48098/signin>

REMINDER - You must use the USERNAME and PASSWORD associated with your NANOG Membership. You can find your USERNAME by logging into the [NANOG Member Portal](#) and clicking on the “My Profile” tab.

If you are a member, please join us at the Membership Breakfast tomorrow

If you aren't, join today and get immediate access to Membership benefits

Thank you

facebook

For sponsoring yet another successful Hackathon!

NANO**G**
Hackathon

Thanks to our Host, Connectivity, Premium and Infrastructure Sponsors!



Host Sponsor



Brian Lillie

Chief Product Officer



EQUINIX
NANO71

Brian Lillie, Chief Product Officer

October 2, 2017

Equinix proud to host NANOG 71 in San Jose



This Forum is
Critical in
helping Equinix
to...

- 1 Learn... from the Peering Community
- 2 Share... our product and services roadmap
- 3 Discuss... key policy issues affecting all of us

It's been twelve years since Equinix hosted NANOG 35 in October 2005 in Los Angeles



In 2005, Equinix was...



- Fifteen datacenters
- Eleven markets
- Five countries

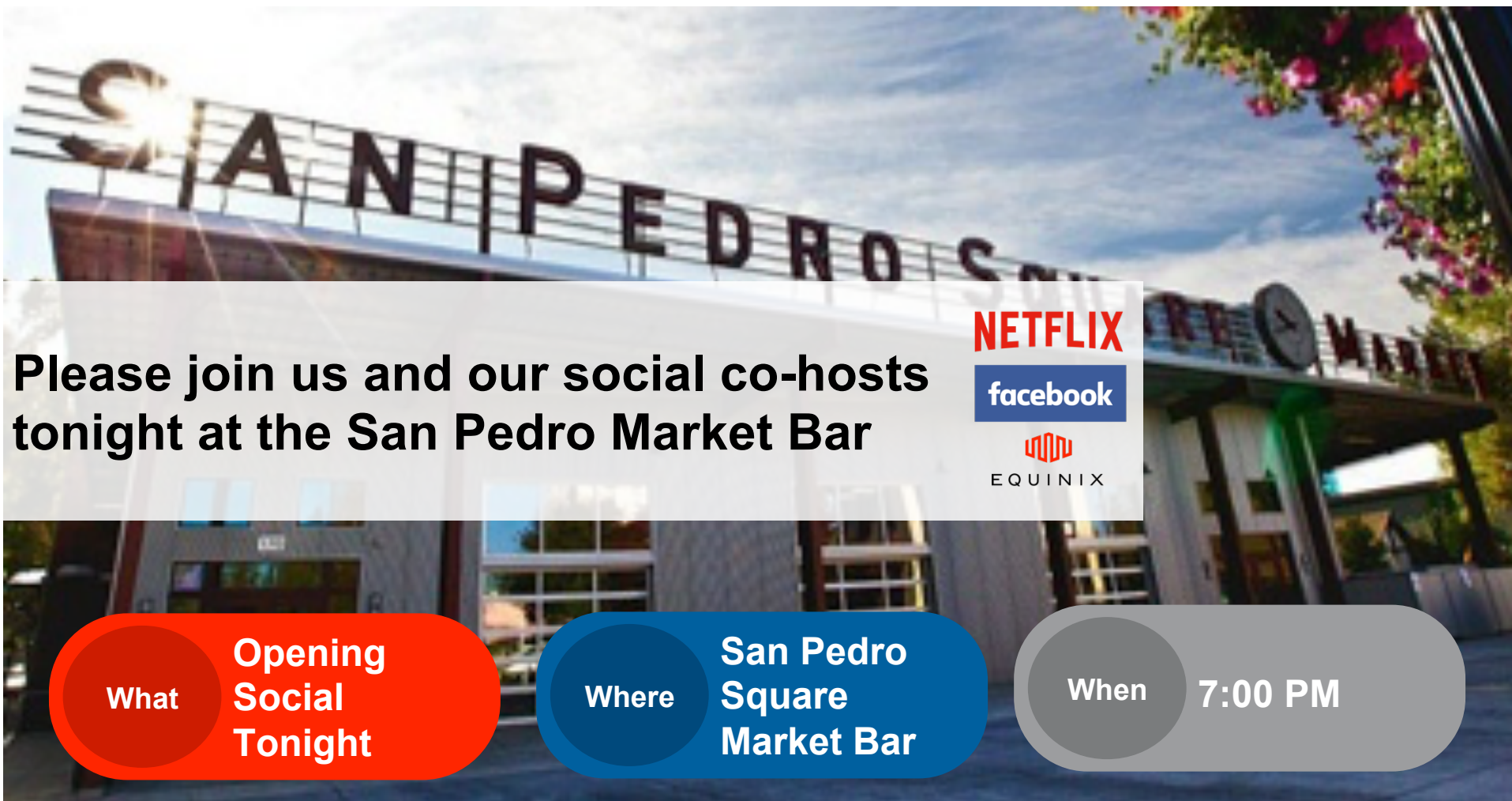
...and since 2005 the world has changed

- Internet traffic has grown by over 6000%
- Internet access has grown from 15% of the world population in 2005 to more than 52% today
- NANOG attendance has grown over 150% from 512 to over 1300 (over 150%)

And Equinix has grown and changed too...



...but we remained focused on building a globally consistent interconnection platform!



Please join us and our social co-hosts tonight at the San Pedro Market Bar

NETFLIX

facebook



EQUINIX

What

**Opening
Social
Tonight**

Where

**San Pedro
Square
Market Bar**

When

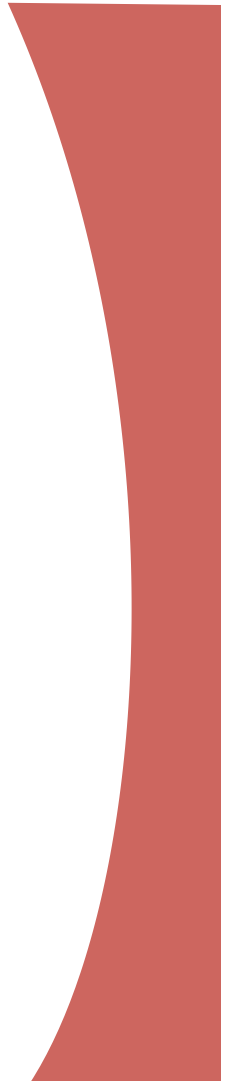
7:00 PM

Connectivity Sponsor



Jack Waters

CTO & President, Fiber Solutions
Zayo



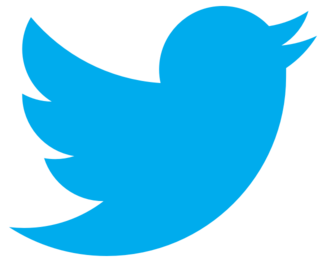


THE FIBER OPTIC
SOLUTIONS
COMPANY

2015 - Now: What's Changed?

Jack Waters, CTO & President, Fiber Solutions

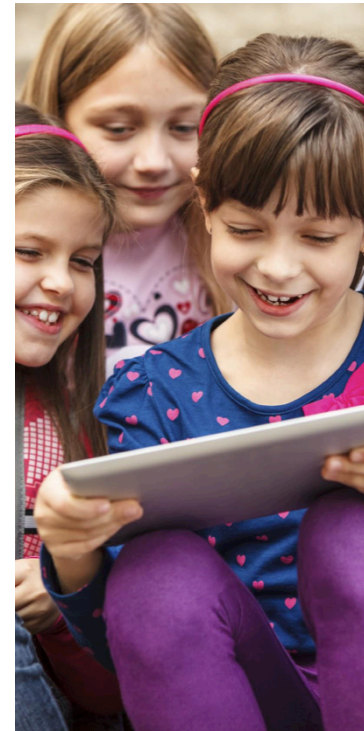
What's Changed?



Seriously...Consolidation



Every day, we generate 2.5 quintillion bytes of data.



Zayo providing fiber for NANOG 71

Search Fairmont San Jose

Smart Searching w/ Google

Interactive Fiber Network Display of Service

Google Street View

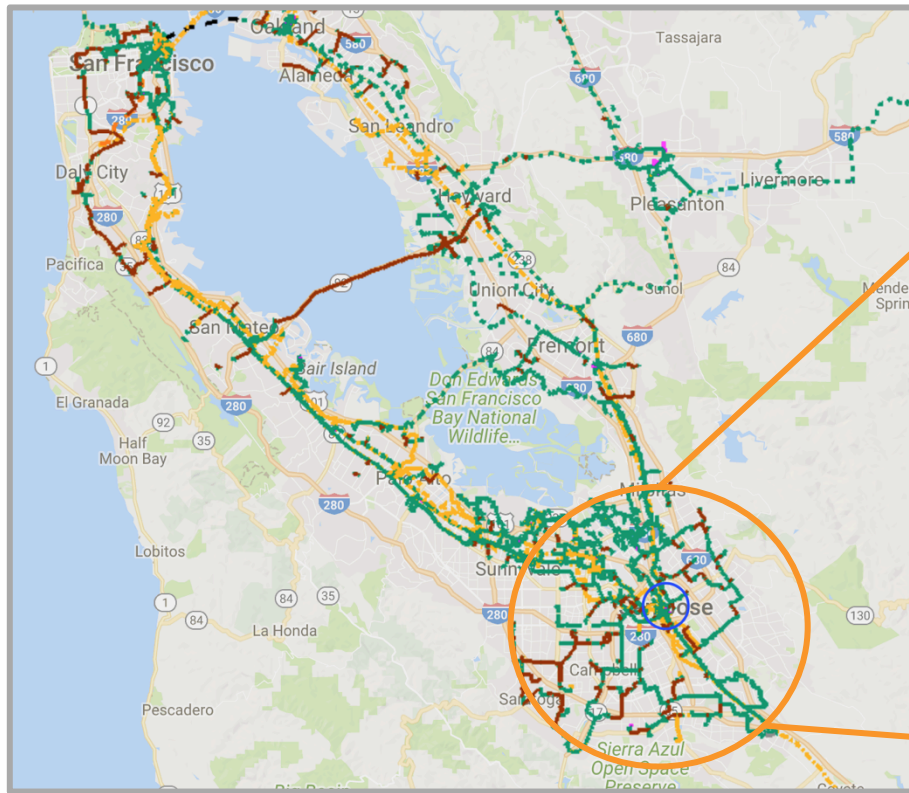
Fiber Service Level Details

Object	Sheath	Scheme Fiber Number	Sequence Number
Fiber Propagation: sheath/13261815	Sheath: PT CA-150: NGF B.01.03.02L TAIL-1	71	3
Fiber Propagation: sheath/13215264	Sheath: BB SNJ-B1 (01)	71	
Fiber Propagation: sheath/68230506	Sheath: CA-SMS: 22212-ENT-E-1	1	
Fiber Propagation: sheath/68230077	Sheath: PT RR: 3 SH00: RU14 CA-SMS: 22212-ENT-E-1 (96 AW)	1	9

myWorld

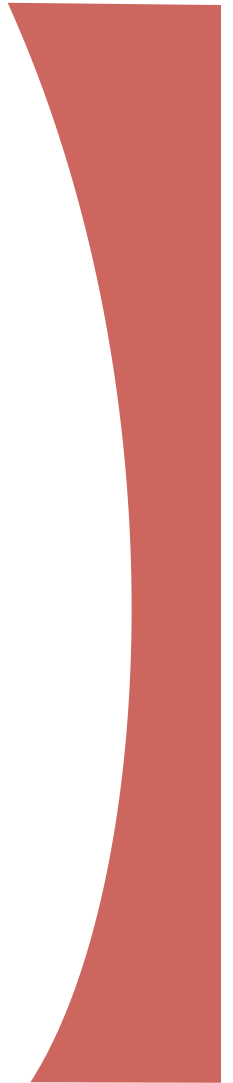
Built by Ubisense

Fiber Footprint



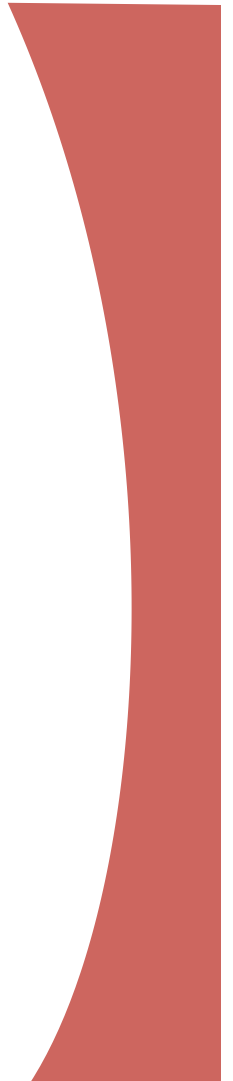
NANOG 71 Program Overview

L Sean Kennedy
NANOG Program Committee



Program Notes

- [Agenda online](#) and in Guidebook application
- Remote viewing of NANOG 71 content
 - Imperial Ballroom
 - [webcast](#) and archived
 - Club Regent (lobby level)
 - recorded and archived



NANOG 71 Amenities

- Breaks and espresso bar outside Imperial Ballroom
- Daily breakfast and Monday and Tuesday lunches in Regency Ballrooms
- Open Seating - Imperial and Regency Foyers
- Beer and Gear in Regency Ballrooms
- Monday and Tuesday [Social information](#)

Program Surveys

Surveys [online](#) or Guidebook app

Daily Survey Gift provided by Infomart

TUMI backpack containing a YETI rambler, charger, NIKE golf hat & more

Tuesday Afternoon for [Monday Survey](#)

Wednesday Morning for [Tuesday Survey](#)

Wednesday Afternoon for [Wednesday AM Survey](#)

Thanks for completing [General Survey](#)

Welcome

- Lightning talk [submissions](#) being solicited for Tuesday and Wednesday
- [Microphone guidelines](#) and the [Attendance Charter](#)
- Thank you to our speakers and [Program Committee](#) for our peer-reviewed program content