

Welcome to NANOG 72

Ryan Donnelly

Chair, NANOG Board of Directors



#TRENDINGAT10

STATE AND LOCAL OFFICIALS PREPARE FOR STORM



10:05

40°

CLOSINGS

MONTESSORI SCHOOL OF DUNWOODY H.
CLOSED TOMORROW AND WEDNESDAY

STEVE
RAYMAN





Coke.....or Pepsi?

Welcome to NANOG 72

- Registration: 857
- REMINDER: Wear your badge!
- 3 Days of Great Peer reviewed content
- Ongoing Commitment to supporting New Operators
 - NCI and Scholarship Program
- Thank you to our Sponsors

Membership

- Discounted Meeting Registration
- Special Considerations at each NANOG meeting
- Recognition on NANOG website
- Workshops and Photo Sessions
- **Most important**, the ability to vote and set the direction of NANOG during the annual Elections cycle which takes place every October, and participation on the Program Committee which is appointed every February

If you are a member, please join us at the membership breakfast tomorrow
If you aren't, you can join today and be a member today

Thank you



For sponsoring yet another successful Hackathon!



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



NETFLIX



IMPERVA®



ORACLE®
Cloud Infrastructure



Host Sponsor



Josh Snowhorn

Vice President and General Manager



ATLANTA, GEORGIA FEBRUARY 19-21, 2018

NANOG

ATLANTA RISING **72**

 CyrusOne.

Obligatory Network Diagram

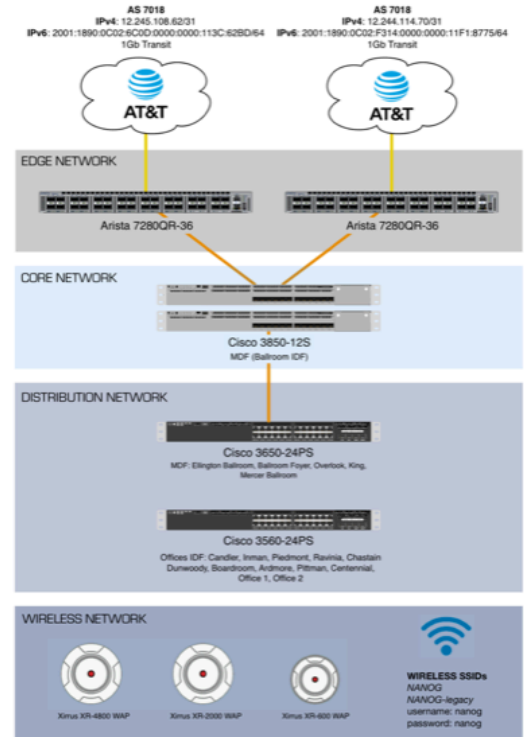
2 X 1GIG TRANSIT on AS
7018

Big thank you to AT&T and
the NANOG network team!



NANOG 72 NETWORK DIAGRAM

Atlanta, GA - Feb 2018

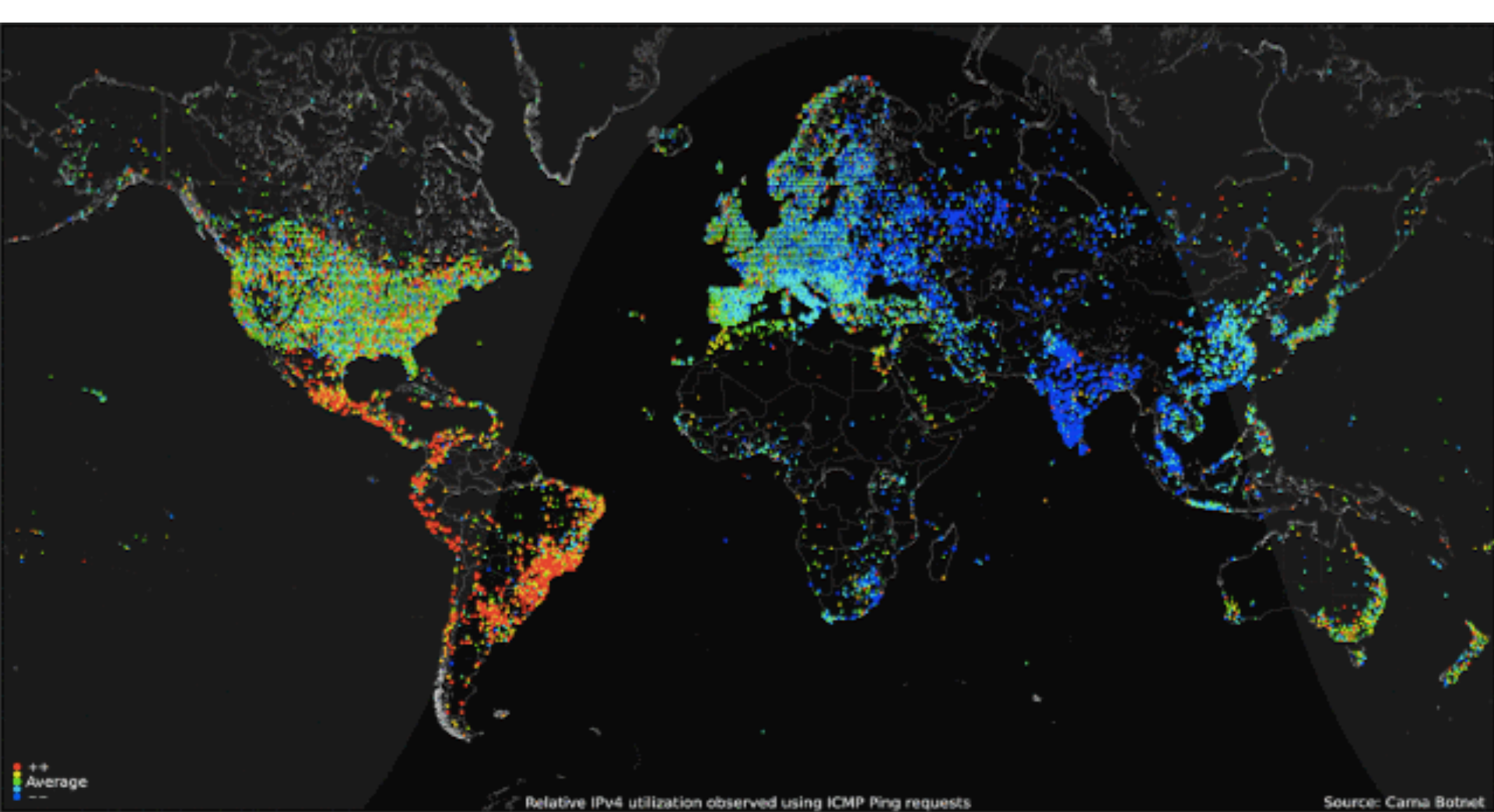


Atlanta

- My first NANOG was Atlanta! (NANOG 21 in 2001)
- Hosted my first NANOG in Miami in 2002 and have now hosted more than 10% of all NANOG meetings including the 4th time with CyrusOne...surreal and something I would have never predicted back in 2001!
- The Phoenix Rising – Civil War devastation
- A city of tolerance and rebirth
- A perfect city to host the dynamic group that NANOG has become!

CyrusOne Today

- Trades on the NASDAQ under the symbol: CONE
- \$8bil valuation
- 3rd largest Data Center company in the USA
- Recently acquired Zenium Data Centers in London and Frankfurt
- Mass scale wholesale provider to Cloud companies including 9 of top 10
- 9 of the Fortune 20 and almost 200 of the Fortune 1000 as clients including Oil & Gas, Financials, Retail, Automotive, Webscale
- Focused on ecosystem that houses servers with my team driving easy button interconnection for scaled benefits



Where is the Internet going?

- Big wholesale cloud sites shifting traffic flows to even more core computing
- Enterprise/consumer reliance on the cloud and inadvertently the IX's near those cloud hubs
- Dramatic consolidation of IX's into just a few hands
- Mobile traffic scaling rapidly to drive edge demands
- How will we interconnect the future user? Hub and spoke or the Edge?





Core or Edge – We are all drivers of the Internet Ecosystem – The future is bright!

GPF 13 – Seattle – April 10-13, 2018 – www.peeringforum.com

Thank You!

Josh Snowhorn – Vice President & GM of Interconnection
CyrusOne Data Centers
snowhorn (at) cyrusone (dot) com

NANOG 72 Program Overview

Ryan Woolley
NANOG Program Committee

Program Notes

- 19 presentations
- Content is entirely peer-reviewed
- Program Committee consists of 20 volunteers appointed by the board
- Self-organizing
- Nominations are open for next term

Program Notes

- Agenda online and in Guidebook application
- Remote viewing of NANOG 72 content
 - Most Ellington & Mercer Ballrooms talks webcast and archived
- Presentation materials linked from agenda

NANOG 72 Amenities

- Ellington Ballroom - General Sessions & Beer n Gear
- Ellington Foyer - Breaks and espresso bar
- Overlook Ballroom - Daily breakfast and Monday and Tuesday lunch
- Social - Park Tavern

Program Surveys

Surveys online or Guidebook app

Daily Survey Gift provided by INFOMART Data Centers

Xbox One X 1TB Console

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