Conference Opening

Tina Morris
NANOG Board Chair
Welcome to Hollywood!

- It's nice to be back in the Los Angeles area. Our last conference in the area was NANOG 44 (8 years ago)

- Our last Hollywood event was a NANOG on the Road event in 2014
Fun Facts about Hollywood

- When a person is nominated for a square on Hollywood Blvd, a benefactor must also pay $40,000 for the star.
- Hugh Hefner encouraged a group of nine other donors to raise $250,000 to refurbish the Hollywood sign.
- Ironically, Walt Disney the creator of Mickey, was actually afraid of mice.
- Over 10 million tourist visit Hollywood Blvd each year.
NANOG 2022 Elections

- You must be a NANOG Member in good standing to vote.
- Voting begins at 5:15pm PDT Tuesday, 18-Oct and ends at 12:00 PDT Wednesday, 26-Oct.
- Candidates will be notified after the election has concluded, followed by members, and then the community.
- If you are not a Member, and you wish to vote, you have until 11:59 pm tonight to become a member (Pacific).
# Conference Statistics

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-Person Attendees*</td>
<td>892</td>
</tr>
<tr>
<td>Member</td>
<td>265</td>
</tr>
<tr>
<td>Non-Member</td>
<td>618</td>
</tr>
<tr>
<td>Student</td>
<td>9</td>
</tr>
<tr>
<td>First NANOG</td>
<td>256</td>
</tr>
<tr>
<td>Virtual Attendees</td>
<td>120</td>
</tr>
<tr>
<td>First NANOG</td>
<td></td>
</tr>
<tr>
<td><strong>Total Attendees</strong></td>
<td>1030</td>
</tr>
</tbody>
</table>

* Don't be concerned if the categories below do not add up to the total number of attendees. It is possible that a registrant might fit more than one category.
Conference Statistics

[Charts showing gender distribution, organization descriptions, age distribution, and professions]
Conference Statistics

View the statistics all week long on our Meeting Statistics page

https://www.nanog.org/events/nanog-86/meeting-stats/
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Women In Technology Lunch Sponsor
Tuesday Lunch Sponsors

ThousandEyes

Uniti

XKL

NANOG™
Tuesday Break Sponsors

consoleconnect

MYRIAD360

PACKETFABRIC

NANOG
Wednesday Break Sponsors
Sunday Night Social Host
Sunday Night Social Co-Hosts

intel

zenlayer

NANOG
Monday Night Social Hosts
Tuesday Night Social Hosts

ciena

zayo

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Virtual Meeting Fellowship Sponsor
Hackathon Host Sponsor

FLEXOPTIX
Hackathon In-Kind Sponsors

aws

CONTAINERlab
NANOG Ombuds

Future Cain
CEO of Future of SEL

Vince Brantley
CEO of Veritas
Code of Conduct

We will not tolerate the following:

• Aggressively pushing your own services, products, or causes.

• Distribution or consumption of alcohol at NANOG-sponsored in-person venues (alcohol not served by hotel-licensed providers).

• Audio or video recordings of the few sessions where such recording is not permitted.
Code of Conduct (Cont.)

We will not tolerate the following:

• Offensive verbal comments or physical contact because of sex, sexual orientation, gender identity, gender expression, age, disability, physical appearance, personal appearance, race, color, national origin or religion (or lack thereof).

• Sexual images of any kind, displayed in public spaces.

• Deliberate intimidation, stalking, threatening, or following.
Code of Conduct (Cont.)

We will not tolerate the following:

• Harassing photography or recording of any kind.

• Sustained disruption of a presentation or other event.

• Inappropriate physical contact.

• Unwelcome sexual attention.
Code of Conduct (Cont.)

We will not tolerate the following:

• Engaging in any activity that is illegal, or violates NANOG’s or its sponsors’ contracts with venues or contractors.

• Demeaning or disruptive behavior or speech.
NANOG Ombuds
Confidential support for our community
ombuds@nanog.org
Host Sponsor

Ryan Planchart
NETFLIX
Ryan Planchart
rplanchart [at] netflix.com
he/him/his

= Fallston, MD, USA

$ id -F

Netflix Open Connect since 2014

- 2014: Network Engineering
- 2018: Network Architecture
- 2020: Engineering Manager

Comcast before that

- Core Network Operations
Netflix Open Connect: It’s about.. connecting

Investing in ISP partnerships
Netflix Partner Portal
Service Management Team

Investing in emerging talent
Netflix college internships and new-grad programs

Investing in NANOG
NANOG Education Committee (Kevin Epperson)
NANOG on the Road (Dekia Blackmon)
Sponsoring NANOG 86 (hi)
25 years of Netflix
And >10 years of Open Connect, our purpose-built CDN

#netflixeverywhere
2007 Netflix launches streaming
2009 3rd party CDNs
2011 Open Connect
2016 Netflix global launch
2020 Netflix surpasses 200 million members

20K+ CDN Servers (OCAs)
170+ Countries
1M+ Requests per Second
Thousands of Open Connect Appliances (OCAs) embedded directly into ISP networks all over the world (all provided free of charge)
Open Connect: The Netflix CDN

98 managed peering locations (PoPs) with a fleet of thousands of OCAs

^ Dallas, TX
Open Connect: The Netflix CDN
The most efficient CDN caches in the world
Open Connect: The Netflix CDN
Peering on over 100 Internet Exchange Points (IXPs)
Open Connect: The Netflix CDN
Private, fully redundant, multi Tbps global backbone
Thank you
Program Notes

• 24 peer-reviewed presentations, including keynotes
• 24 members of the NANOG Program Committee
  ○ Moderating program sessions and networking sessions
  ○ Self-governing
Program Committee Members

Cat Gurinsky - Chair
Apple

Elizabeth Culley - Vice Chair
Comcast

Anna Valsami - Secretary

Melchior Aelmans - Member
Juniper

Kam Agahian - Member
Oracle

Aaron Ali Atac - Member
Akamai Technologies

Jeff Bartig - Member
Internet 2

Tom Beecher - Member
Yahoo

Jason Bothe - Member
Moody's Corporation

Mark Buell - Member
Internet Society

Mikael Holmberg - Member
Extreme Networks

Bryan Jong - Member
Bigleaf Networks

John Kristoff - Member
NETSCOUT

Alex Latzko - Member
Deft.com

Marlin Martes - Member
Amazon Web Services

Fearghas McKay - Member
FLEXOPTIX GmbH

Steve Meuse - Member
Kentik

Stevan Plote - Member
Plote & Associates

James Shank - Member
Team Cymru, Inc.

Alankar Sharma - Member
Comcast NBC Universal

Mike Starr - Member

Steve Ulrich - Member
Arista Networks

Michael Voity - Member
University of Vermont

Chris Woodfield - Member
Twitter
Program Tips

● Virtual Chat How-To:
  ○ Use the “Chat” tab to talk with other attendees
  ○ Use the “Q+A” tab to ask a question during a presentation
    ■ Even in person attendees can submit questions this way!
  ○ Use the “Help” tab to receive technical support

● Agenda + Presentation Materials
Program Notes

- Newcomers Orientation (breakfast)
  ○ We recorded this; if you were not able to attend in person, check out our YouTube channel next week for the video.

- Main Breakfast & Lunches every day
  ○ Ray Dolby Ballroom Salons 4-6
  ○ **NOTE**: Wednesday lunch is on your own

- Tuesday Women in Tech - open to all attendees
  ○ Hollywood Studio ABC
  ○ **Speaker**: Hang Black - Embrace your Edge
Submit Lightning Talks!

- Reminder Lightning Talks are **in person**
- Two lightning talk time slots this meeting:
  - 5:45pm-6pm PDT on Tuesday AND Wednesday
- Submit abstracts by 3:30 PM PDT the day before you wish to speak
- PC will send notifications the evening prior
  - Include cell # in profile to be notified via text!
- Final slides due 12:00 PM PDT day of presentation
NANOG 86 Surveys

• Surveys online @ https://www.nanog.org/surveys

• New Format since N85: simple/clean/quick
  • Daily Surveys available
    • Complete a daily survey + enter drawing for a $100 gift card
  • Hackathon Survey available

• Surveys close Friday, October 21st, 2022
Enjoy our Program