



Conference Opening

Edward McNair

NANOG Executive Director



NANOG®



Betty Burke

February 6, 1955 - November 7, 2022

Welcome to Atlanta!



Fun Facts about Atlanta

- This city went through four names before settling on Atlanta: Terminus, Thrasherville, Marthasville, and Atlantica-Pacific.
- It's against the law in Atlanta for one man to carry another man on his back. Women are exempt from this law.
- Atlanta is the birthplace of civil rights leader Dr. Martin Luther King, Jr.
- Occupying 5 acres, Varsity, the world's largest drive-in restaurant is here in Atlanta.
- There are 71 streets in Atlanta with the name Peachtree.

Conference Statistics

View the statistics all week long on our Meeting Statistics page

<https://www.nanog.org/events/nanog-87/meeting-stats/>



231 CLIENTS

V6ONLY: 10 CLIENTS

RX: 13.3 MBPS

TX: 13.3 MBPS



MEETING WIRELESS SSIDS

NANOG

[802.1X SECURED (2.4GHZ & 5GHZ)]

USERNAME: nanog

PASSWORD: nanog

NANOG-LEGACY

[UNENCRYPTED NETWORK (2.4GHZ & 5GHZ)]

OPEN — NO PASSWORD REQUIRED

NANOG-V6ONLY

[UNENCRYPTED NETWORK (2.4GHZ & 5GHZ)]

OPEN — NO PASSWORD REQUIRED

NEED ASSISTANCE?

EMAIL: NANOG-ENG@NANOG.ORG



PATH

Meeting Host Sponsor

Konrad Zemek
Path Network



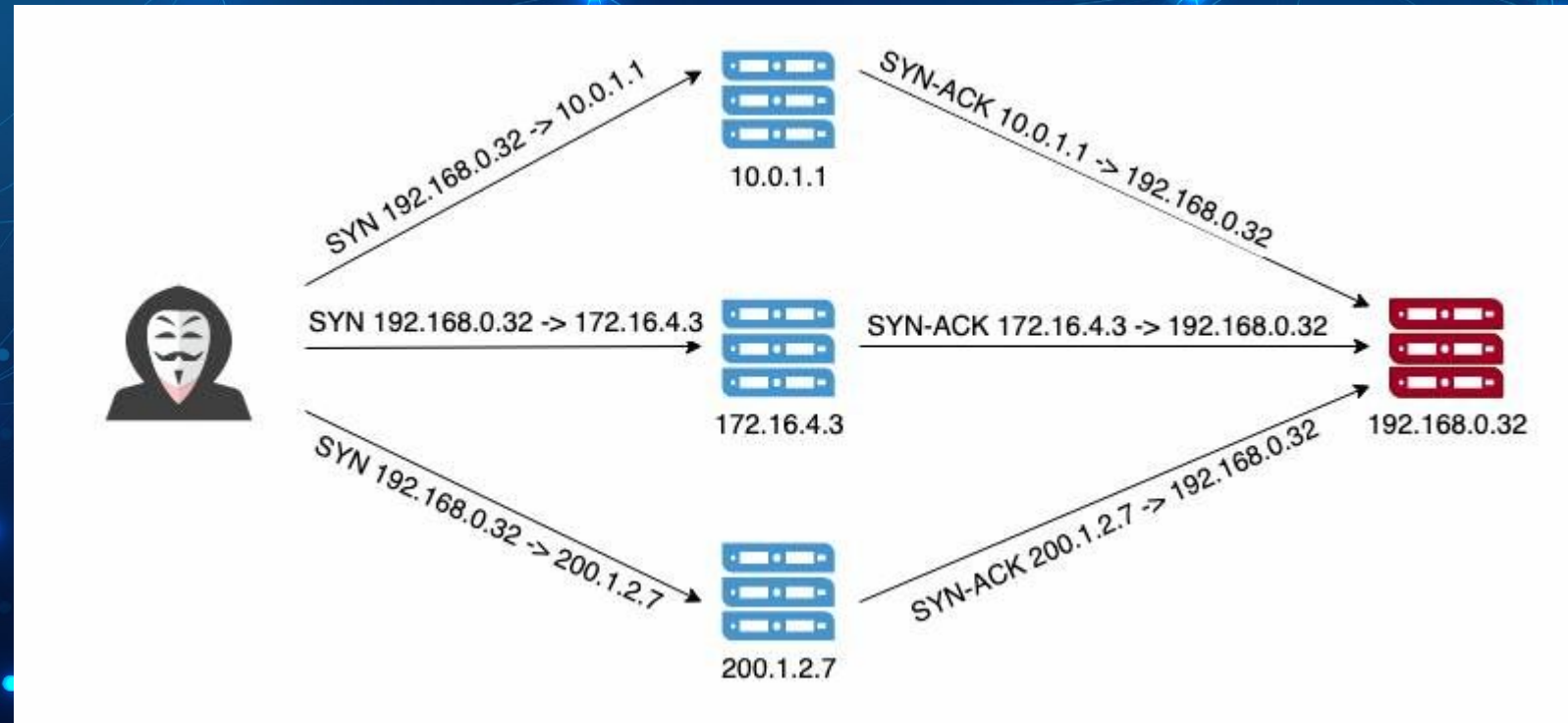
Konrad Zemek

Computer Scientist, University
Teacher,
Co-Founder, CTO, Guitar Player

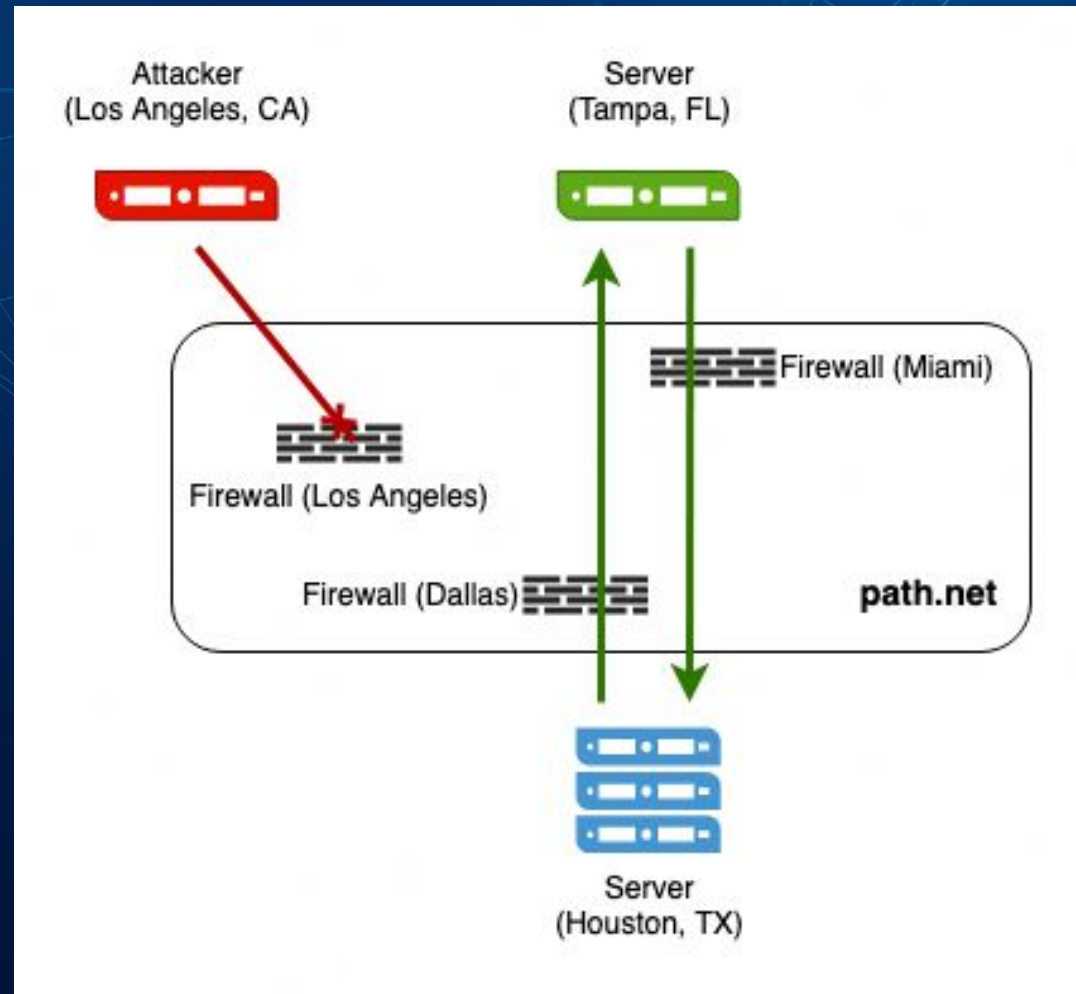
Path Network

Evolved DDoS Defense with Advanced
XDP, Patented Stateful Firewall, and
Global Anycast Network

TCP Reflection Attack



Hole-Punching





“Creatively hacking the internet packets without breaking the ossified infrastructure”



Thank You

Our Office	Phone	Email
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NANOG Ombuds



Tony Farmer
Associate, Future of SEL



Future Cain
CEO of Future of SEL



Mark Lewis
Associate, Future of SEL

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





Board Updates

Leslie Daigle

NANOG Board Chair

Current NANOG Board



Leslie Daigle
Board Chair



Vincent Celindro
Vice Chair



David Siegel
Treasurer



Cat Gurinsky
Secretary/ PC Chair



Michael Costello
Board Member



Steve Feldman
Board Member



Tina Morris
Board Member



Edward McNair
Member/Exec Director

A Special Thank you!

**Benson
Schliesser**





Program Overview

Cat Gurinsky

NANOG Program Committee Chair

Program Committee Members

Cat Gurinsky - Chair

Elizabeth Culley - Vice Chair
Comcast

Anna Valsami - Secretary

Melchior Aelmans - Member
Juniper

Kam Agahian - Member
Oracle

Aaron 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
trackd

Steve Ulrich - Member
Arista Networks

Michael Voity - Member
University of Vermont

Chris Woodfield - Member
DriveNets

Program Notes

- This meeting features tracks on the following topics:
 - Automation
 - RPKI
 - Optical
- Many other great talks and breakout sessions planned covering topics such as
- NANOG Jeopardy on Tuesday!

Keynotes

- Monday Keynote: The Future is Now: Delivering the Next Generation Brilliant Network
 - Elad Nafshi - Comcast's Chief Network Officer
- Tuesday Keynote: A Security Practitioner's Guide to Internet Measurement
 - Michael Bailey - Professor and School Chair in the School of Cybersecurity and Privacy at the Georgia Institute of Technology

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

Submit Lightning Talks!

- Reminder Lightning Talks are **in person**
- Two lightning talk time slots this meeting:
 - 5:30pm-6pm EST on Tuesday AND Wednesday
- Submit abstracts by 3:30 PM EST 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 EST day of presentation

NANOG 87 Surveys

- Surveys online
 - <https://www.nanog.org/surveys>
 - Daily Survey available for Monday, Tuesday, Wednesday
Complete the daily survey each day to enter the drawing for a \$100 gift card.
 - Hackathon Survey available
 - Surveys close Friday, February 17, 2022



Enjoy our Program