

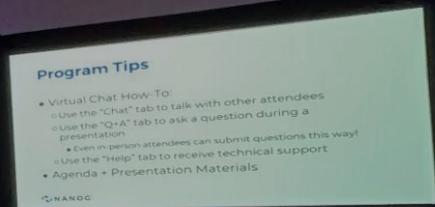


slides: <http://bit.ly/4I67IMM>

# NANOG Overview

North American Network Operators' Group  
(MN)NUG - 26-Feb, 2026

Working together, to build the Internet of tomorrow ®



# What is a (NA)NOG?

A local Network Operators' Group that is guided by the principle of an open exchange of knowledge and expertise.

- Organizations that support local and regional Internet professionals.
- Formed by network operators, engineers, and other experts in the Internet community.
- Make efforts to improve the quality and availability of the Internet within their regions.



They are:

- **Neutral** — non-commercial, non-political, based on equality.
- **Educational** — technical presentations are freely available.
- **Community Driven** – individual contributors, not corporations.

# What is NANOG?

## North American Network Operators Group

### NANOG is the OG (NOG)

- [30+ years of Internet Operations...](#)  
“Regional-Tech’s” meeting of NSFNET - dating back to 1987
  - Merit Network was tasked with re-engineering and managing the National Science Foundation Network (NSFNET).
- Originally chartered in 1994 the NANOG community voted for independence from Merit Network in 2011 and became a standalone organization.
- Regular Meetings (3x / Year)
  - Technical & business presentations
  - Workshops (hands-on)
  - Tutorials
  - BoF’s (Birds of a Feather)
  - Hallway track
  - Peering forum
  - Beer & Gear
  - Event Socials
  - Virtual meeting attendance available
- Mentorship Program



# NANOG: Content

Curated by industry professionals

# Technical Program

Each NANOG meeting program is assembled by a *Program Committee*

- The Program Committee is comprised of NANOG member volunteers
- Self-Governed committee  
Peer-Reviewing content from the industry submissions

Have something you'd like to present?

- <https://nanog.org/participate/how-to-submit-a-presentation/>

## NANOG 95

- Fighting Route Leaks at Cloudflare
- Networking at the Speed of Light - A peek at networking inside a high frequency trading firm
- RIPE RIS, and how to query the DFZ
- How the Internet routed around Cable Damage in the Baltic Sea
- Nondestructive Tests for Counterfeit Integrated Circuit Detection
- Navigating the Complexities of VXLAN and IPv6 Migration for Reliable Enterprise Datacenters
- Inside the hidden world of the pluggable transceiver

... & much more

## NANOG 96

- Redefining Netflix BGP architecture
- Exodus of IPv4 from War-torn Ukraine
- EVPN Interconnect Architecture for Resilient Multi-Domain Fabrics
- RoVista+: Mapping Real ROV Deployments, Dependencies, and Delays
- Financial Analysis for Technical Professionals
- BGP in 2025
- Meta, the long-tail and me
- Network-as-Code in Practice: Safer Change Operations with CI/CD, Testing, and Data Models
- Monitoring Root DNS prefixes
- Removing Barriers to RPKI Adoption
- Practical Ways to Reduce IPv4 Usage

... & much more

# Content

- Email Lists (<https://lists.nanog.org> - to subscribe)
  - [nanog@lists.nanog.org](mailto:nanog@lists.nanog.org) - *the* list for technical discussion
    - 10,000+ members
- Discord server (<https://discord.nanog.org/>)
  - Conversation between & during meetings
- Newsletter
- NANOG Website (<https://nanog.org>)
  - Presentation archive
  - Videos
  - rich search functionality

# NANOG(.ORG): Search the archives!

Q

Filter by type:  Presentations  Pages  Events  Stories

Filter by Event:  (Presentations only) Sort by:

192 results for "rpki" Searching in: Presentations Page 1 of 10

**RoVista: Measuring and Understanding the Route Origin Validation (ROV) in RPKI**

The Resource Public Key Infrastructure (RPKI) is a system to add security to the Internet routing. In recent years, the publication of Route Origin Authorization (ROA) objects, which bind IP prefixes to their legitimate origin, has been rapidly increasing. However, ROAs are effective only if the routers use them to verify and filter invalid BGP announcements, a process called Route Origin Validation (ROV).

Tijay Chung NANOG 90 Research Forum

**RPKI adoption and Routing Security in the North America & Caribbean**

Internet routing is a key building block of the Internet's infrastructure that remains vulnerable to attacks. Resource Public Key Infrastructure (RPKI) has emerged as the leading strategy for securing BGP routing...

Carolina Caeiro NANOG 89 General Session

Home | Events | NANOG 90 | RoVista: Measuring and Understanding the Route Origin Validation (ROV) in RPKI

## RoVista: Measuring and Understanding the Route Origin Validation (ROV) in RPKI

### Speaker



Tijay Chung  
Virginia Tech

### Event Details

NANOG 90  
Charlotte, NC

Scheduled  
Wednesday, February 14, 2024  
3:00 PM US/Eastern  
30 Minutes

### Abstract

The Resource Public Key Infrastructure (RPKI) is a system to add security to the Internet routing. In recent years, the publication of Route Origin Authorization (ROA) objects, which bind IP prefixes to their legitimate origin ASN, has been rapidly increasing. However, ROAs are effective only if the routers use them to verify and filter invalid BGP announcements, a process called Route Origin Validation (ROV).

### Tijay Chung:

Taigoong (Tijay) Chung is an Associate Professor at the Computer Science department at Virginia Tech. His work focuses on Internet security and measurement. He received the NSF CAREER Award (2024) and NSF CRII Award (2019). He also received Outstanding New

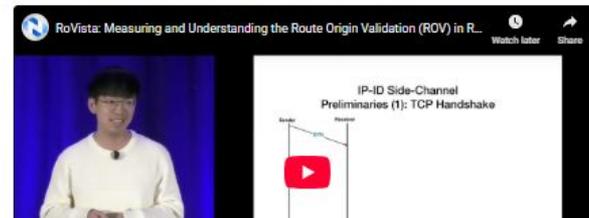
### Materials + Recordings

#### Presentation Materials

RoVista: Measuring and Understanding the Route Origin Validation (ROV) in RPKI - Chung

#### Recordings

RoVista: Measuring and Understanding the Route Origin Validation (ROV) in RPKI



# NANOG Newcomers

- Newcomer's Orientation
  - It's run first thing every NANOG meeting
- Ambassador Program
  - 30+ Ambassadors at each NANOG Meeting
- Mentorship Program
  - 1 on 1 matching



# Events Update

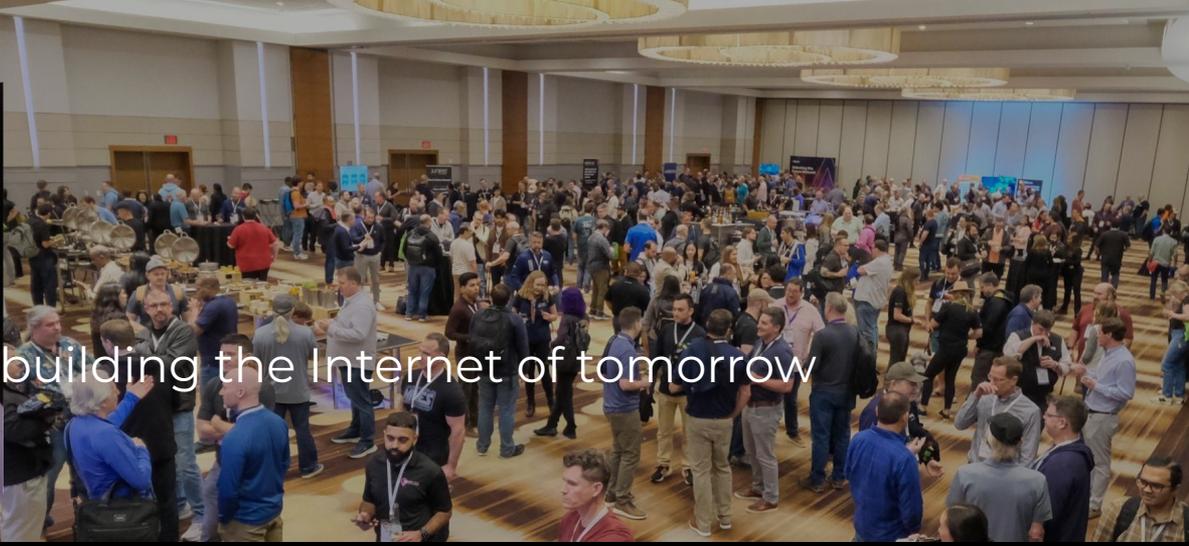
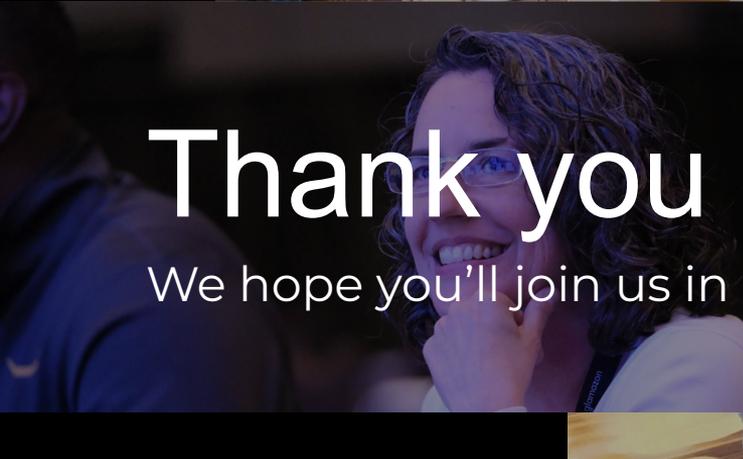
# Future Events

- NANOG 97 - Bellevue, WA (1-3 Jun 2026)
  - Theme: Site Reliability Engineering
- NANOG 98 - Miami, FL (19-21 Oct 2026)
  - Theme: TBD
  - Back to back with ARIN
- NANOG 99 - Boston, MA (22-24 Feb 2027)
  - Theme: TBD
  - Back to back with ARIN

... NANOG 100 is coming ...

**schwag!**

(drawing)



Q+A

# NANOG Governance

How NANOG is Managed

## Board Update

- Community
  - New! Moderation
  - Discord is on a p
  - Planning more c
- Visibility
  - Applied more tradit
  - A conscious effort to
  - (new executive direc

NANOG

# NANOG Staff



Jonathan Black  
Executive Director



Darrioux "Dé" Harvey  
Meeting + Events  
Director



Valerie Wittkop  
Program  
Director



Leigh Brooks  
Senior  
Designer



Elizabeth Drolet  
Marketing  
Content Creator



Greg Newman  
Software  
Craftsperson



Shawn Winstead  
Bus. Development  
Specialist

# Board of Directors



Leslie Daigle  
Board Chair



Vincent Celindro  
Vice Chair



Michael Costello  
Treasurer



Steve Feldman  
Secretary



John van Oppen  
Member



Steve Ulrich  
Member



Adair Thaxton  
PC Chair



Jonathan Black  
Executive Director