



NANOG

North American Network Operators' Group

Working together, to build the Internet of tomorrow ®



Topics to Discuss

- NANOG Outreach
- Education and Mentorship Programs
- Diversity, Equity, and Inclusion Programs
- Community Updates



City of Montgomery, AL

Edward McNair



NANOG U: Montgomery

A collaboration between NANOG, ICANN, ARIN and our Outreach Partners. Hosted by the City of Montgomery Mayor's Office.

Agenda

- What is NANOG & How Can It Help You?
- ARIN and the Regional Internet Registry (RIR) System
- Cache Rules Everything Around Me:Content Distribution 101
- Intro to DNS
- The Most Important Piece of Internet Infrastructure You've Never Heard Of (ICANN)
- How to Get a Job in Tech
- Panel Discussion: Careers in Technology
- Connecting the World While Charting Your Career



CaribNOG 25

CaribNOG 25

- CaribNOG 25 was held in Grenada.
- CaribNOG worked in conjunction with the Grenadian government to provide a wide reaching technical forum to support technical training in the region.
- NANOG worked in conjunction with ICANN, ARIN and other stakeholders to support CaribNOG's efforts.
- Over a hundred students participated in the event.
- In addition to presentation on the resources offer by NANOG, students were introduced to basic BGP.



ABQNOG 01

ABQNOG 01

- This was the inaugural meeting of the Albuquerque Network Operators' Group
- Attendees ranged from local internet providers, students and representatives from local indigenous tribes.
- NANOG and ARIN attended to provide support for their first meeting.
- While there we had the opportunity to listen to the challenges facing indigenous tribes as they build community networks.

A young man with glasses and a mustache, wearing a dark jacket, is looking at a laptop screen. A young woman with dark hair, wearing a white t-shirt and a red lanyard, is leaning over the laptop, looking at the screen. They are in a classroom or workshop setting with other people in the background.

Education + Mentorship Programs

Supporting the next generation of network professionals

Educational Program

- Vendor-neutral courses developed and taught by knowledgeable Internet professionals.
- All courses are vetted by a committee of industry professionals; to assure that all content is relevant to current industry working standards.
- The courses are designed to aid students, junior engineers and career professionals advance their skills in a competitive marketplace.

Mentorship Program

- Key to building the "Internet of tomorrow" is to engage and inspire those who will build tomorrow's Internet.
- Mentorship is an essential component of professional development.
- Mentees in our program will have the opportunity to be guided by seasoned industry professionals.
- Mentors and mentees will be paired at NANOG conferences, create a personalized mentorship program to help the mentee achieve their goals.



Diversity, Equity + Inclusion Programs

Pursuing a more inclusive Community

To support our efforts of diversity, equity and inclusion. NANOG has done the following:

- Partnered with a DEI consulting firm to provide independent Ombuds support to our community.
- Ombuds are onsite during events and can be reached via email at anytime. In addition they provide reports to board and community on our DEI progress.
- Created a DEI Committee to develop a strategic vision for NANOG's DEI initiatives.

NANOG Ombuds



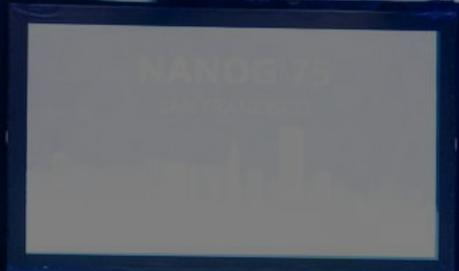
Tony Farmer
Associate, Future of SEL



Future Cain
CEO of Future of SEL



Mark Lewis
Associate, Future of SEL



Framework – GitHub/Jenkins/Ansible

- Initially deployed for Open Networking (Cumulus)
- Playbooks stored in GitHub for version control, change MGMT, and code/peer review
- Playbooks run from Jenkins for centralization, security, auditing, logs, etc. (logs all jobs and results to Splunk)
- Ansible and associated plugins/modules installed on Jenkins server

```

graph TD
    GitHub[GitHub] --> Jenkins[Jenkins/Ansible]
    Jenkins --> Splunk[Splunk]
    Jenkins -- EAPI/CLI --> Arista[Arista]
    Jenkins -- SSH --> Cumulus[Cumulus]
    Jenkins -- Nitro API --> Citrix[Citrix]
    Jenkins <--> User((User))
  
```

Community Update

Working together to build the Internet of tomorrow.



COMMUNITY FORUM



Welcome! The NANOG Community Forum is a digital space that inspires community building, fosters mentorship, and provides ongoing support for students and professionals in Internet technology. By joining the forum, you'll also have the opportunity to share your insights and provide feedback as we work together to build the Internet of tomorrow. By using this forum you are agreeing to abide by NANOG's [Usage Guidelines](#), and [Code of Conduct](#).

all categories ▶

all tags ▶

Categories

Latest

New (3)

Unread (3)

Bookmarks



+ New Topic

Category

Topics

Latest

Mailman List

A public category this is a read only mirror of the NANOG Mailing list. It is currently read only, and serves as a modern, searchable archive.

54.4k

3 unread
2 new



FCC proposes higher speed goals (100/20 Mbps) for USF providers

■ Mailman List

65
4h

General Technical Discussions

This community-moderated forum is open to all, and a great place to discuss topics related to network engineering. Ask questions,

7



Comcast: "Reloading Statics" today

■ Mailman List

0
6h



AERINIC vote buying

0

Affinity Groups

The new forum allow us to offer more diverse engagement for our community
In addition to our mailman mirror, there are several affinity groups designed to offer more opportunities for engagement.

Topics include:

- Network Automation

- Women in Tech

- LGBTQ+

- Running

- Coffee

- Walking

- Whiskey Connoisseurs

- Diversity in Tech

- ...and more

A photograph of three people at a hackathon. On the left, a man with a beard and long hair, wearing a dark jacket with blue and white stripes on the sleeve, is smiling broadly. In the center, a man in a plaid shirt is looking towards the camera with a slight smile. On the right, a woman with dark hair is smiling and resting her chin on her hand. They are all looking towards the camera. In the background, other people and a laptop are visible, suggesting a busy, collaborative environment.

Thank you

We hope you'll join us in building the Internet of tomorrow.



Akshat

Q+A