

# NANOG 78

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## Community Meeting



**Edward McNair**

NANOG Executive Director



# Past Outreach Events

Indigenous Community Summit • NANOG University Tour •  
City of Montgomery



# Indigenous Community Summit

# Indigenous Community Summit

- Focused on building partnerships, advocating regulatory changes, and sharing success stories of community networks throughout Canada and the United States.
- Shared NANOG's mission of education and community.
- Promoted NANOG's vast library of online talks and tutorials.
- Encouraged enrollment in our mailing lists.
- Discussed the educational + community value of NANOG conferences.



NANOG University Tour

Working together, for the Internet of tomorrow.

NANOG

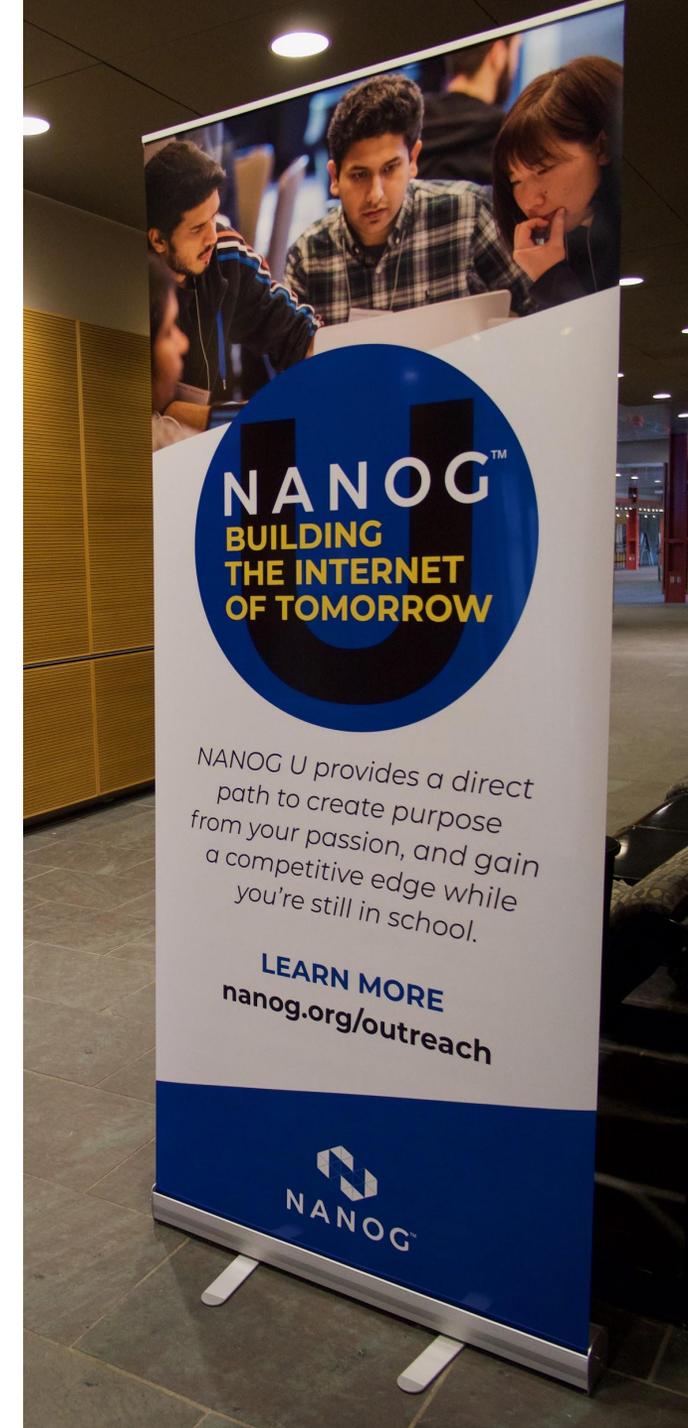
"I enjoyed this conference, and would love to learn more from NANOG and grow professionally with them."

— Ball State University student

NANOG U

# NANOG U Fall Tour

- Three schools, three days, 180+ Students
- U of Illinois + Purdue + Ball State
  - Introduction to NANOG
  - Hunting criminals using network indicators and OSINT
  - Careers in network engineering and security
  - DNS security
  - DDoS mitigation tutorial
  - Open mic
  - Social hour



Thank you

We thank you for joining in building the future of the group



Montgomery Outreach

# Montgomery Chamber of Commerce

- Introduction to the Montgomery Tech Ecosystem
- Tour Gunter 26 Network Operation Squadron
- Presentation to Gunter Airmen
- Presentation to ASU Students
- Meeting with Trenholm Community College Administration
- Presentation to Trenholm Students

# Montgomery Chamber of Commerce

- Meeting with AUM President
- Presentation to AUM Students
- Presentation to Valiant Cross Academy students
- Visit to Air University Wargaming Institute
- Presentation at Brewbacker Tech HS students
- Presentation at Booker T. Washington HS students



# Future Outreach Events

Professional Outreach St. Louis, MO

# Professional Outreach – St. Louis

Date: Friday, March 27, 2020

Location: Marriott St. Louis Grand

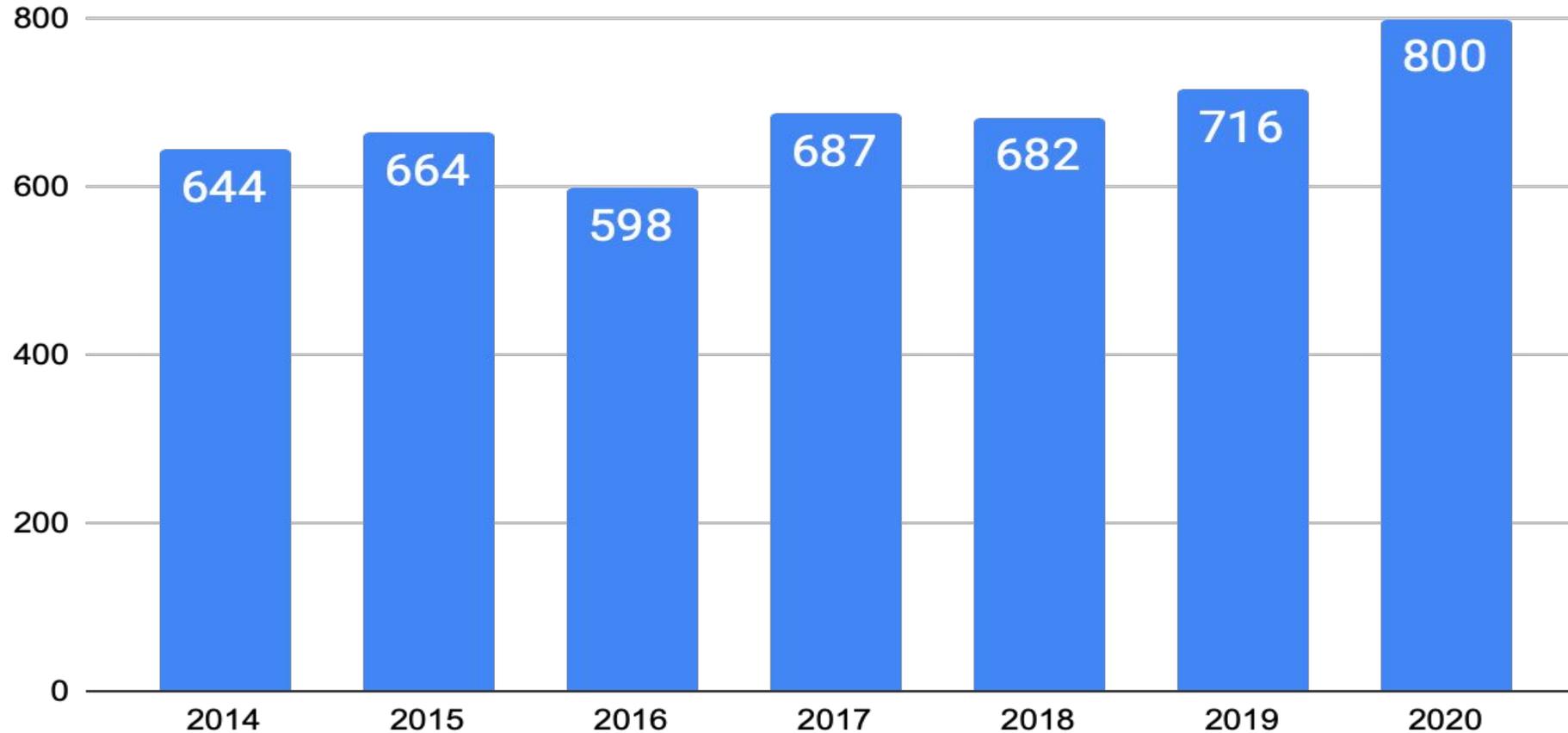
Address: 800 Washington Ave, St. Louis, MO



# Building community

Membership · Annual Report · Meeting Budget Survey ·  
NANOG Newsletter

# NANOG Membership



NANOG Membership



*All member counts were taken in October, except for 2020, which was taken 2/11/2020*

# NANOG WANTS YOU



# Get involved on a broader scale

Participating on a broader scale helps ensure our future generations will get to enjoy the same benefits you have.

Ways to get involved at NANOG:

- **Vote:** Become a member to help shape NANOG's future.
- **Mentor:** The next generation of network engineers.
- **Teach:** The best way to reinforce your knowledge is to teach others.
- **Present:** Share your knowledge and experience with others.
- **Evaluate:** Serve on the Program Committee to help shape the NANOG program.
- **Sponsor:** Support NANOG's education and outreach programs, meetings and events.

# 2019 ANNUAL REPORT

**Working together, for the Internet of tomorrow.**

We're dedicated to the ongoing advancement of an open, secure, and robust Internet, by inspiring, educating, and empowering our community to meet the ever-changing demands of a global network.



# Meeting Budget Survey

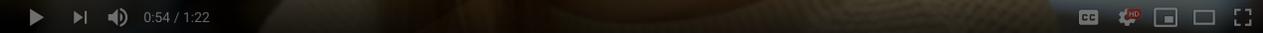
- Costs associated with events are rising.
- We are seeking your input on preferred options to manage these increases.
- The survey will be released soon.
- Please support your community by filling out the survey.



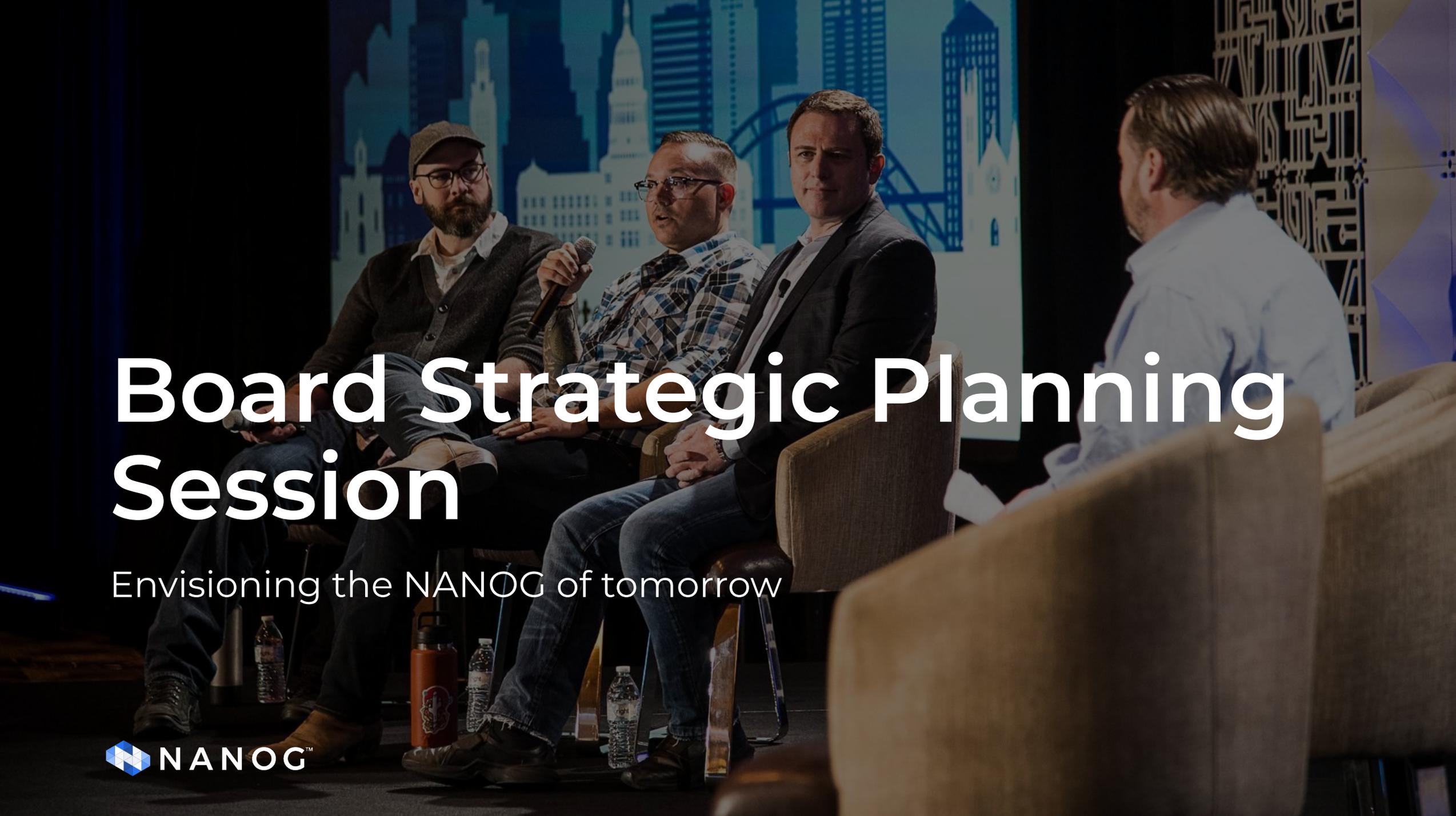
Mia Stoffel  
Purdue University



Caleb Truax III  
Ball State University



Subscribe to our newsletter!



# Board Strategic Planning Session

Envisioning the NANOG of tomorrow

# Strategic Planning Session

- What is NANOG?
- What should NANOG be?
- What are NANOG's most urgent needs?
- Where should NANOG be in three years?
- SWOT Analysis

# Strategic Guidance

The strategic guidance (this is not a strategic plan) focused on the following areas:

- Education
- Enhance community online collaboration
- Strategic outreach
- Mentorship
- Improved community building
- Facilitate business engagement

# Education

*Guidance: Form an education committee to instigate the following areas for board consideration.*

- Structured online education
- Training and education outside of conferences
- Vendor-neutral certification
- Non-technical, professional development programs
- Content developed in collaboration with the Program Committee

# Enhance community online collaboration

*Guidance: Staff will research and present a proposal for board consideration.*

- Knowledge Base for networking professionals
- Modern online forums
- Improve online presence to reach new participants
- Better integration with existing social media platforms
- Better tools to support meeting attendees
- Improve mobile accessibility of current tools

# Strategic outreach

*Guidance: Staff will research and present a proposal for board consideration.*

- Encourage more young people to participate in the industry
- Help develop the next generation of networking industry leaders
- Reduce attendance barriers for junior engineers and students
- Advance diversity in the networking community
- Expand outside of traditional operators
- Develop programs to support veterans

# Mentorship

*Guidance: Form a mentorship committee to develop a mentoring plan for board consideration.*

- Mentorship programs + training to support the next generation of network professionals
- Mentorship portal to support continued engagement
- Mentors and Mentees meet face-to-face at each meeting
- Mentorship sessions should be facilitated and topic-based
- Develop mentorship guidelines and code of conduct
- Create training programs for mentors to assure consistency

# Improved community building

*Guidance: Staff will research and present options for board consideration.*

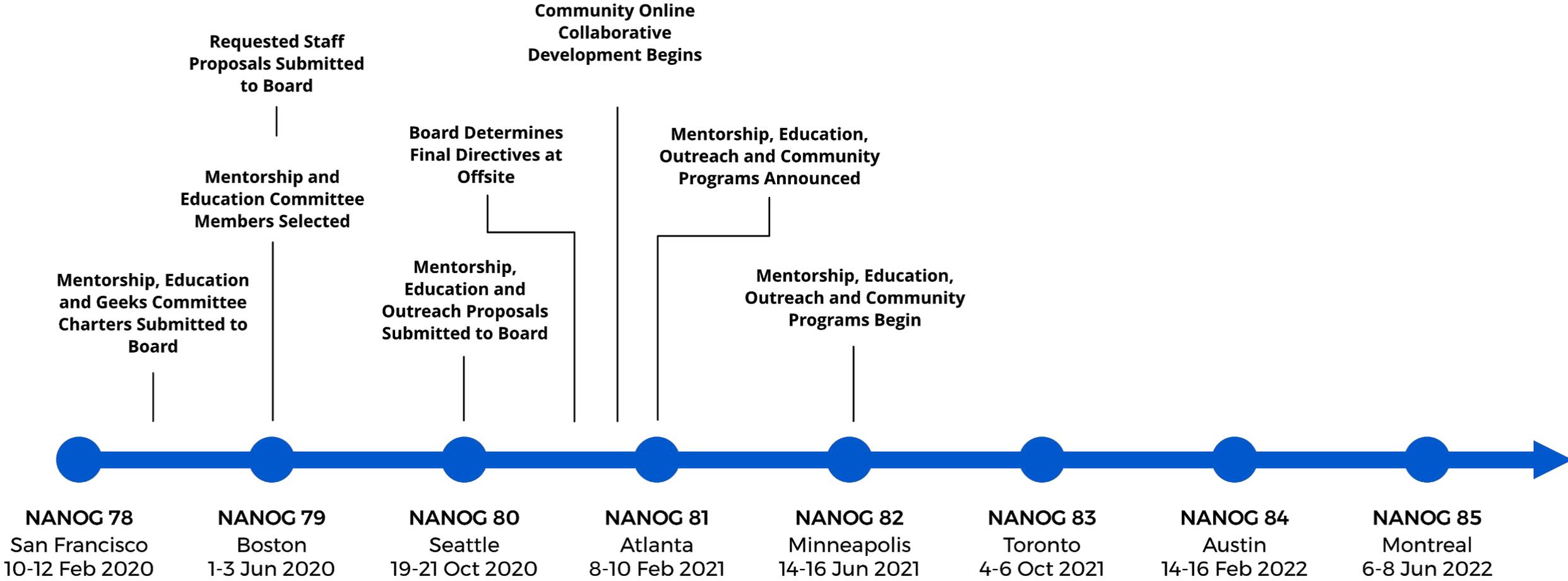
- Explore support for parents with children at meetings
- Build smaller communities based on affinities and specialties
- Create a monthly webinar to encourage continued participation
- Reach out to local NOGs to recruit speakers for upcoming meetings in their vicinity
- Systems for tracking community requests

# Facilitate business engagement

*Guidance: Staff will research and present proposals and/or options to consider to board.*

- More private meeting space
- Online room reservation system
- Easy scheduling system
- Survey sponsors for input on updating our sponsorship offerings
- Research what would generate greater participation from current and potential sponsors:
  - Premium meeting tool features for sponsors
  - Encourage participation of industry executives
  - Provide better support for premium sponsors at conferences

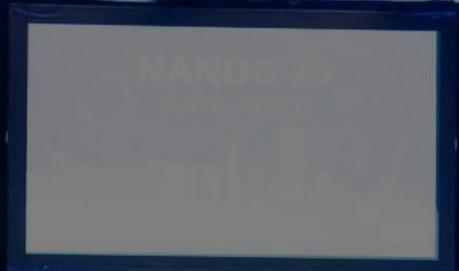
# 2020-2023 Strategic Guidance Timeline





In Memoriam

# Program



### Framework – GitHub/Jenkins/Ansible

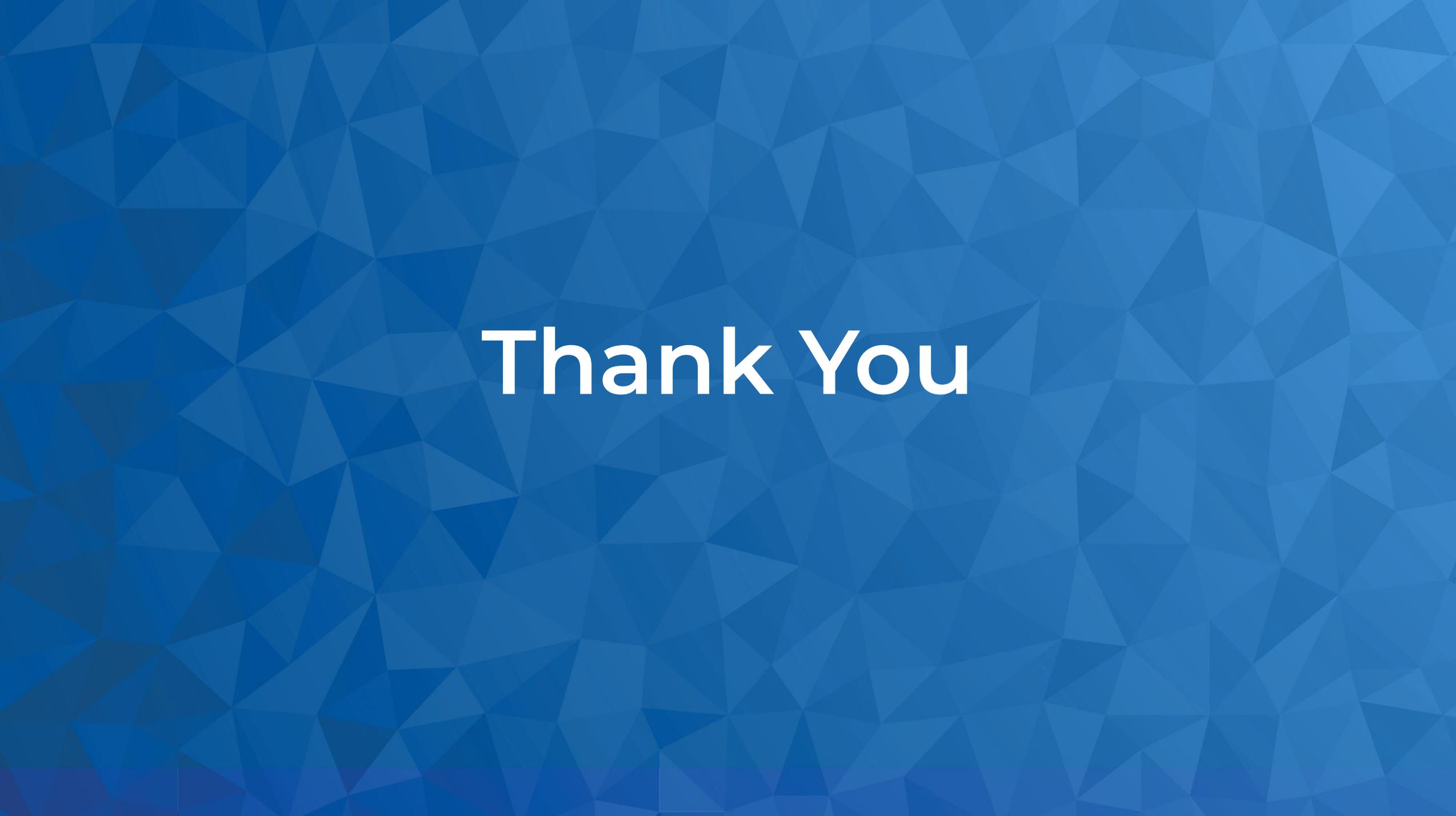
- Initially deployed for Open Networking (Cumulus)
- Playbooks stored in GitHub for version control, change MGMT, and code/peer review
- Playbooks run from Jenkins for centralization, security, auditing, logs, etc. (logs all jobs and results to Splunk)
- Ansible and associated plugins/modules installed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

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graph TD; GitHub[GitHub] --> Jenkins[Jenkins/Ansible]; Jenkins --> Splunk[Splunk]; Jenkins --> Arista[Arista]; Jenkins --> Cumulus[Cumulus]; Jenkins --> Citrix[Citrix]; Arista -- EAPI/CLI --- Jenkins; Cumulus -- SSH --- Jenkins; Citrix -- Nitro API --- Jenkins; Jenkins <--> User((User));
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# What's new for the Program Committee

- We now have “Continuous Call for Presentations.”
- The PC tool is now integrated into the new website.
- Program Committee now has a meeting Help Desk.
- The Program Committee values your feedback.

The image features a background of a complex, low-poly geometric pattern in various shades of blue. The pattern consists of numerous irregular polygons of different sizes and orientations, creating a textured, crystalline appearance. The colors range from a deep, dark blue to a lighter, medium blue. Centered on this background is the text "Thank You" in a clean, white, sans-serif font. The text is large and clearly legible, with a bounding box of approximately [328, 398, 668, 488].

**Thank You**