

NANOG 76 COMMUNITY MEETING

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NANOG



NANOG Outreach

Empowering people, and
inspiring change.

What is NANOG Outreach?



Education is the core of NANOG's mission. Our outreach programs bring our educational content to those who cannot attend NANOG conferences. Designed and taught by industry professionals who are committed to the ongoing advancement of the Internet in North America.

What is our focus?

Our outreach programs focus on three distinct areas of need:

- Industry education for networking professionals.
- Educational + career development for college + graduate students.
- Training within underserved regions of North America.



NANOG Outreach, Strategic Plan

- Our goal is to operate NANOG Outreach programs in the most strategic way possible:
 - Remaining focused on our core mission of education.
 - Mindful usage of NANOG's resources.
 - Provide educational support to NOGs, industry organizations, universities, and underserved communities in North America.



NANOG Outreach, Strategic Plan

- Our previous outreach efforts, like NANOG On The Road, operated as scaled-back models of NANOG's tri-annual meetings:
- We are looking for opportunities to partner with North American NOG's, industry groups, universities and other communities in our regions to offer education and training.
- In most cases these organizations will provide venues, marketing and an audience. We will provide educational support.

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NANOG Outreach Meetings

Earlier 2019 Meetings

CaribNOG 17



Technical experts from the global Internet community and stakeholders from across the Caribbean, US and Canada convened in Bridgetown, Barbados for the seventeenth regional meeting of the Caribbean Network Operators' Group.

- NANOG's Executive Director delivered the keynote address, focusing on the crucial role that network operator groups play in supporting the humans behind the network.

CaribNOG 17



- NANOG volunteer L Sean Kennedy presented, “Learning MANRS: Practices for mitigating global routing threats.”
- Steve Feldman, a member and former chair of NANOG’s Program Committee, shared insights into the 2018 Global DNS Attacks.
- Eddy Winstead, also a member of NANOG’s Program Committee, gave a talk on, “So You Inherited a DNS Server: DNS best practices from day one.”

RIPE 78

- Over the course of the five-day event, ISPs, network operators, and industry professionals gathered to discuss issues of interest within the Internet community.
- Met with RIPE's training team to explore possible synergies.
- The trip was an effort to build relationships and to see what could learn from one another.
- Explored the idea of collaborating on educational efforts:
 - The RIPE training program is well established.
 - There are things that would work for our community, and things that won't.

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NANOG Outreach Meetings

Upcoming Meetings - 2019



University Outreach at Texas A&M

- Will take place prior to NANOG 77 in Austin, TX.
- We will use this opportunity to build awareness around:
 - NANOG as an organization, and why NANOG values engaging students.
 - The wealth of tools, resources, and programming available at NANOG's tri-annual meetings.
 - The opportunities NANOG provides students with, via the NANOG College Immersion Program (NCI), NANOG Scholarships, and reduced student registration.
 - Provide information regarding career opportunities, industry challenges, various organizations, etc.

CaribNOG 18



- With a focus on “Securing Caribbean Networks,” CaribNOG 18 will include a range of talks and tutorials on stability, security, and resiliency issues central to Internet development.
- NANOG will be providing education related to current technologies, security, and industry best practises



ISOC Indigenous Connectivity Summit

- ISOC's 2019 summit will host two days of technical training centered on building the skills and capacity needed to launch a community network.
- A two-day conference will follow, focusing on building partnerships, advocating regulatory changes, and sharing success stories of community networks across North America.
- Indigenous leaders, community members, community network operators, Internet service providers, researchers, and policymakers will come together around a common goal: connecting Indigenous communities to fast, affordable and sustainable Internet.
- NANOG Outreach will provide education in the fundamentals of network development and industry best practices

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NANOG Program

What's new for 2019

Program Committee



- The Program is the very heart of NANOG.
- Made up of industry professionals, the PC is selected by the board.
- The PC internally self-organizes and selects its own leadership.
- The PC reviews and selects talks submitted by NANOG's community to curate a program of the highest possible quality and relevance.

Program Committee Updates



- In an effort to better serve our community, the PC has several sub-committees:
 - Keynote Speakers
 - Women in Tech
 - Outreach Programs
 - Lightning Talks
 - Tutorials & Tracks
 - Hackathon
- This allows committee members with various types of expertise to focus their knowledge on specific areas important to the development of NANOG programming.

NANOG WANTS YOU






Get involved on a broader scale

Participate 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.



The future does not belong to those who are content with today, apathetic toward common problems and their fellow man alike, timid and fearful in the face of bold projects and new ideas. Rather, it will belong to those who can blend passion, reason and courage in a personal commitment to [their] ideals.

– ROBERT F. KENNEDY



NANOGTM

Working together, for the Internet
of tomorrow



Thank you