

The logo for NANOG, consisting of the word "NANOG" in a bold, red, sans-serif font.

NANOG

Collaborating to make the Internet
better!

Sylvie LaPerrière
Board Chair

NANOG 55 Member Meeting

Agenda

- | | | |
|----|-----------------------------------|--------|
| 1. | Board Report Highlights | 5 min |
| 2. | 3-Year Strategic Plan | 10 min |
| 3. | Monday-Wednesday Program Proposal | 10 min |
| 4. | Education program proposal | 10 min |
| 5. | Elections – Bylaws changes | 5 min |
| 6. | Open Floor | 18min |

Thank You

Board of Directors

Program Committee

Development Committee

Communications Committee

NANOG Staff

Thank You Members!

229 Members in total

74 members at Nanog 55!

.Why become a member?

.TO VOTE at NANOG 56

Thanks to our Host, Connectivity & Premium Sponsors!



TATA COMMUNICATIONS



NTT America



3-Year Strategic Goals

survives Board term

1. NANOG is sustainable and perceived as a credible long term investment
2. Increase the relevance while maintaining the neutrality of NANOG offerings
3. Reach both mid-career and early career network operators
4. Leverage the “new” NANOG to increase member engagement and integration

3-Year Game Plan

TRANSITION NANOG 52-53-54

- Financial sustainability
- Continued operations 'don't break it'
- Contract staff and systems
- Communications to community

CONSTRUCTION NANOG 55-56-57

- Financial health to payback start loan
- Membership engagement
- Program Reformat
- Elections (56), committees-bylaws
- Communications to community

CONSOLIDATION NANOG 58-59-60

- Have \$250k reserve
- Membership engagement - early and mid career
- Education program
- Website redesign launch
- Communications to community

Metrics for Success

- Members have renewed their support through renewals - **Yes, but not all**
- Increased new Memberships - **Yes**
- Achieved Financial Targets - **Yes**
- NANOG Communications and Image maintained/improved - **Survey Data**
- Sponsorships growth - **Yes**
- Program Content relevancy - **Survey Data**

Elections

There is more to be done!

- Board Member Commitment
- Committee Member Expectations

Why do you care?

- NANOG is owned by the membership
- NANOG works because of members willing to serve!

David Temkin for the Program Committee

3. Monday-Wednesday Program Realignment Proposal

The ask...

- Move to a Monday-Wednesday program
- Similar to most other NOGs and industry events
- Survey results from the last 2 NANOGs have backed up this ask

Why?

- Getting in for the tutorials requires potentially giving up your entire weekend, depending on travel logistics
 - People want to be home with their kids
- Wednesday morning content not well attended due to attendees leaving on early flights

Why Part 2

- Repeated requests for a better track layout
 - People don't want to have to choose between so many competing tracks in similar disciplines
 - The Peering Track has a large following and moderators of other tracks deserve to not have to compete with it
 - Adding a new Policy track, programmed by ARIN

The proposal...

- Move to a program that begins Monday Morning with tutorials
- Keynote kicks off the Plenary after lunch
- Peering track moves to Wednesday afternoon
- An additional, standing Policy track, programmed by ARIN, is added

Current Program Layout

Sunday		Monday	Tuesday	Wednesday	
9:30-9:45 am		9:30-9:45 am	Conference Opening	9:30-9:45 am	General Session
9:45-10:00 am		9:45-10:00 am	General Session	9:45-10:00 am	
10:00-10:15 am		10:00-10:15 am		10:00-10:15 am	
10:15-10:30 am		10:15-10:30 am		10:15-10:30 am	
10:30-10:45 am		10:30-10:45 am		10:30-10:45 am	
10:45-11:00 am		10:45-11:00 am	Break	10:45-11:00 am	Wrap Up/CFP
11:00-11:15 am		11:00-11:15 am		11:00-11:15 am	
11:15-11:30 am		11:15-11:30 am		11:15-11:30 am	
11:30-11:45 am		11:30-11:45 am	General Session	11:30-11:45 am	
11:45-noon		11:45-noon		11:45-noon	
noon-12:15 pm	Registration Opens	noon-12:15 pm		noon-12:15 pm	
12:15-12:30 pm		12:15-12:30 pm		12:15-12:30 pm	
12:30-12:45 pm		12:30-12:45 pm		12:30-12:45 pm	
12:45-1:00 pm		12:45-1:00 pm		12:45-1:00 pm	
1:00-1:15 pm		1:00-1:15 pm	Lunch	1:00-1:15 pm	
1:15-1:30 pm	Tutorial	1:15-1:30 pm		1:15-1:30 pm	
1:30-1:45 pm		1:30-1:45 pm		1:30-1:45 pm	
1:45-2:00 pm		1:45-2:00 pm	General Session	1:45-2:00 pm	
2:00-2:15 pm	Tutorial	2:00-2:15 pm		2:00-2:15 pm	
2:15-2:30 pm		2:15-2:30 pm		2:15-2:30 pm	
2:30-2:45 pm		2:30-2:45 pm		2:30-2:45 pm	
2:45-3:00 pm	Break	2:45-3:00 pm		2:45-3:00 pm	
3:00-3:15 pm		3:00-3:15 pm	General Session	3:00-3:15 pm	
3:15-3:30 pm		3:15-3:30 pm		3:15-3:30 pm	
3:30-3:45 pm	Tutorial	3:30-3:45 pm		3:30-3:45 pm	
3:45-4:00 pm		3:45-4:00 pm	Break	3:45-4:00 pm	
4:00-4:15 pm		4:00-4:15 pm		4:00-4:15 pm	
4:15-4:30 pm	Tutorial	4:15-4:30 pm		4:15-4:30 pm	
4:30-4:45 pm		4:30-4:45 pm	Track	4:30-4:45 pm	
4:45-5:00 pm		4:45-5:00 pm		4:45-5:00 pm	
5:00-5:15 pm	Community Meeting	5:00-5:15 pm		5:00-5:15 pm	
5:15-5:30 pm		5:15-5:30 pm		5:15-5:30 pm	
5:30-5:45 pm		5:30-5:45 pm	Track	5:30-5:45 pm	
5:45-6:00 pm		5:45-6:00 pm		5:45-6:00 pm	

Proposed Program Layout

9:30-9:45 am	
9:45-10:00 am	
10:00-10:15 am	Tutorial
10:15-10:30 am	Tutorial
10:30-10:45 am	Tutorial
10:45-11:00 am	
11:00-11:15 am	Break
11:15-11:30 am	
11:30-11:45 am	Tutorial
11:45-noon	Tutorial
noon-12:15 pm	Tutorial
12:15-12:30 pm	
12:30-12:45 pm	
12:45-1:00 pm	
1:00-1:15 pm	Lunch
1:15-1:30 pm	
1:30-1:45 pm	
1:45-2:00 pm	
2:00-2:15 pm	
2:15-2:30 pm	Conference Opening
2:30-2:45 pm	
2:45-3:00 pm	General Session
3:00-3:15 pm	
3:15-3:30 pm	
3:30-3:45 pm	
3:45-4:00 pm	
4:00-4:15 pm	Break
4:15-4:30 pm	
4:30-4:45 pm	
4:45-5:00 pm	
5:00-5:15 pm	Policy Track
5:15-5:30 pm	
5:30-5:45 pm	
5:45-6:00 pm	
6:00-6:15 pm	
6:15-6:30 pm	Community Meeting
6:30-6:45 pm	

9:30-9:45 am	
9:45-10:00 am	
10:00-10:15 am	
10:15-10:30 am	
10:30-10:45 am	
10:45-11:00 am	
11:00-11:15 am	
11:15-11:30 am	
11:30-11:45 am	
11:45-noon	
noon-12:15 pm	
12:15-12:30 pm	
12:30-12:45 pm	
12:45-1:00 pm	
1:00-1:15 pm	
1:15-1:30 pm	
1:30-1:45 pm	
1:45-2:00 pm	
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2:15-2:30 pm	
2:30-2:45 pm	
2:45-3:00 pm	
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3:30-3:45 pm	
3:45-4:00 pm	
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4:15-4:30 pm	
4:30-4:45 pm	
4:45-5:00 pm	
5:00-5:15 pm	
5:15-5:30 pm	
5:30-5:45 pm	
5:45-6:00 pm	
6:00-6:15 pm	
6:15-6:30 pm	
6:30-6:45 pm	

General Session			General Session		
Break			Break		
General Session			General Session		
Lunch			Lunch		
General Session			General Session		
Break			Break		
Track	Track	Track	Peering Track		

10% more program...

Content Type	Current Program	Proposed Program
General Session	660	675
Unique Track	180	270
Unique Tutorial	180	180
Total Minutes	1020	1125

Proposal per Surveys...

- We will ask you about this one more time
- If we still have a majority requesting this change, we will execute it for NANOG 57 in Orlando, FL
 - Take your kids to Disney and still get to the tutorials!

Questions? Comments?

Please direct to pc@nanog.org

Chair: David Temkin

Vice Chair: Greg Dendy

Steve Gibbard

NANOG Board of Directors

4. NANOG education program proposal

Disclaimer

- This is just a proposal
- It hasn't been very thoroughly vetted yet
- There's still a lot of work to do
- That said...

Introduction

- Many other regional NOGs offer training programs. We should too.
 - e.g. APRICOT, AFNOG, SANOG, MENOG, and others
- Peer-endorsed, vendor-neutral, training program
 - Share our knowledge with the next generation of operators and engineers
 - Focus on overall operational practices, rather than vendor-specific features

Why NANOG

- NANOG is relatively neutral, unlike vendors who provide much of the current training
- Education is part of our charitable mission
- We are the professional organization for network operators in North America; who better to set the educational standards?
- A way to bring in new people
- Operations organizations in the rest of the world do this

Areas to cover

- Routing/network architecture. IGP and EGP. Network layout and scalability
- NOC operations. How do you monitor a network? What do you do when something breaks? How to use diagnostic tools? How do you interpret traceroute?
- Network security. Everything from access-lists and firewalling, to the importance of uRPF, to fighting large DOS attacks
- DNS and DNSSEC
- IPv6
- Etc...

What should it look like?

- Need a curriculum
 - Start with existing course plans from other NOGs
 - Develop some courses of our own, or put a NANOG perspective on existing programs
- Model already used by other NOGs
 - Week-long sessions before NANOG meetings
 - Combination of tuition and grants
 - Taught by outside organizations and volunteers from the NANOG community

NANOG-sponsored sessions

- Model already used by other NOGs
- Week-long sessions before NANOG meetings
- Trainings paid for separately from NANOG meetings. Combination of tuition and grants
- Taught by organizations that do this training for the rest of the world, and by volunteers from the NANOG community

Costs

- Some costs may be covered by sponsors. All other costs covered by attendees
- NANOg-taught version:
 - Need to cover travel for volunteer instructors, classrooms, food/beverage for students
 - Total of around \$90k for three simultaneous five-day 30-student workshops
 - \$50K of that is food/beverage; hotel economics is weird
 - Around \$1,000 per student

What next

- Very preliminary
- Still being reviewed by Board and Committees
- Feedback from the community would be useful

Steve Feldman - member

5. Elections – bylaws changes

Members

6. Open Floor