CHI-NOG 04

October 9th, 2014
Chicago, IL

chinog.org
@_chinog_

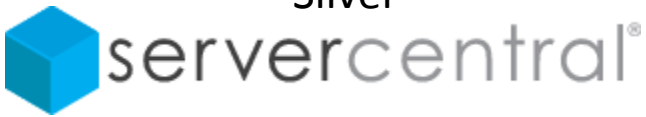
Overview

- CHI-NOG Background
- CHI-NOG 04 Agenda
- Roadmap
  - Future meetings
  - How you can help or get involved?
- Feedback and book drawing
- Happy Hour

Sponsors

Diamond

Silver



Bronze

CHI-NOG Background

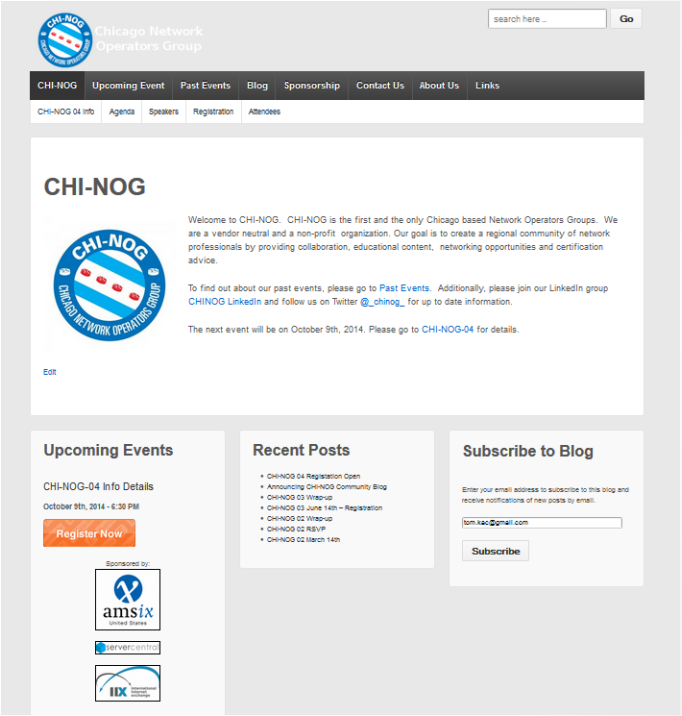
- **CHI**cago **NOG**, not to be confused with Chino G. the gangster rapper based on Google's top search results for CHINOG.

CHI-NOG Background

- Started in 2013 by Tom Kacprzynski, Brian McGahan and Jason Craft.
- Hosting our 4th event. For info on our past meetings go to http://www.chinog.org
- Our goal is to create a Chicago based community of network professionals, by providing educational content, networking opportunities and certification advice.

chinog.org

- Redesign of chinog.org.
- See our previous events including presenations and video.
- Subscribe to the blog for news, updates and community blog posts.
- Community blog contribution benefits:
  - help develop the CHI-NOG community
  - receive higher exposure vs individual blogging
  - collaborate with other network operators/engineers on common topics
  - receive recognition for your work

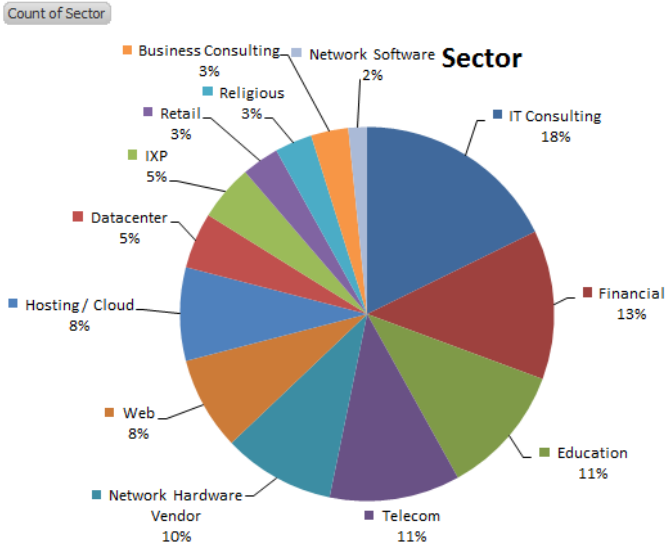


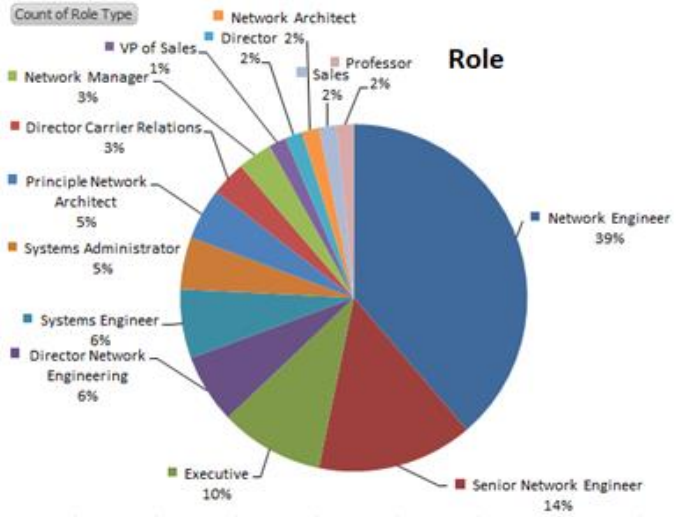
Sponsorship structure

- Through the support of our sponsors we are able to provide the venue, t-shirt and sponsored happy hour, all without charging admission fees.
- Introducing a new sponsorship structure with 4 levels:
  - Diamond
  - Gold
  - Silver
  - Bronze
- For more information please see http://chinog.org/sponsorship/
- Looking for sponsors to help us with the next event. If you know anyone please contact us.

CHI-NOG 04 Attendees

Who is attending?





Which sectors?

CHI-NOG 04 Agenda

- Interconnecting/peering and troubleshooting the connections.
- After these sessions you should have a much better understanding how the Internet is interconnected, but most importantly how you can take advantage of peering.
- You don’t have to be a big ISP but an enterprise or a web company to take advantage of the security, the better performance and lowered telecommunication cost vs IP Transit.

CHI-NOG 04 Agenda

Time	Presentation	Author
6:40-7:20	***Combining the Best of Active and Passive Monitoring*** When troubleshooting network issues, the question is not active vs passive monitoring, but which combination of approaches will provide the most value for different networks and traffic types. We'll look at how active and passive monitoring work and when to implement each technique.	by **Mohit Lad**
7:20-8:00	***The Internet Peering Tricks-of-the-Trade*** Internet Peering, once relegated only to the largest ISPs in the world, is emerging as a practical mechanism for any network, enterprise, content providers, etc. to directly connect with their key trading partners. This talk will introduce the terminology and highlight a few of the most clever tactics that network operators have used to minimize their transit fees, and to directly peer with important networks that they otherwise would not be able to peer with.	by **William B. Norton**
8:00-8:10	***Break***	
8:10-8:50	***In Depth Technical Overview of the Amsterdam Internet Exchange (AMS-IX) Platform*** The Amsterdam Internet Exchange (AMS-IX) provides technical platforms for internet peering. These peering exchanges have to be reliable and scalable. AMS-IX accomplishes this a little differently than most peering exchanges. It always has been on the forefront of deploying new technologies while keeping the network up and running. The technical and engineering aspects of running the exchange will be explained in this talk. We'll take the networks in Amsterdam as case studies.	by **Ariën Vijn**
9:00-11:00	***Happy Hour***	Sullivan's

CHI-NOG Roadmap

- Next meeting will be in 2015. We are planning for 2-3 events a year.
- Evaluating full day events. How many of you would be interested and would be able to attend?

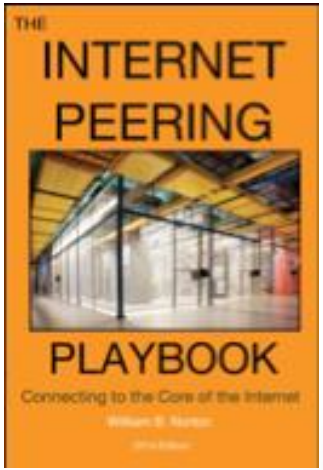
Roadmap

- How can you help and get involved?
  - **Follow us** on twitter **@_chinog_**.
  - Contribute to the **community blog** at http://chinog.org/category/blog/
  - **Tell** your coworkers and friends.
  - Help us find **sponsors** for our events.
  - Help us find **speakers** for our events.
  - Have any **ideas** to improve CHI-NOG? Please let us know.

Feedback

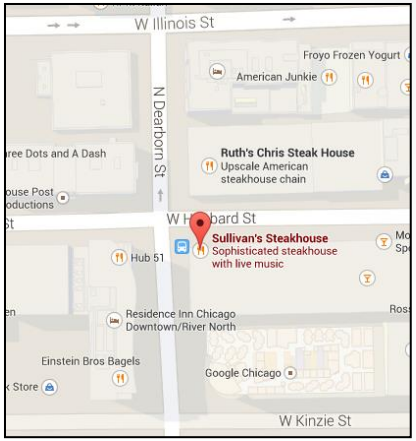
- Please provide feedback at feedback.chinog.org to be entered into the drawing.
- At 9:00 we will do a drawing for two autographed copies of

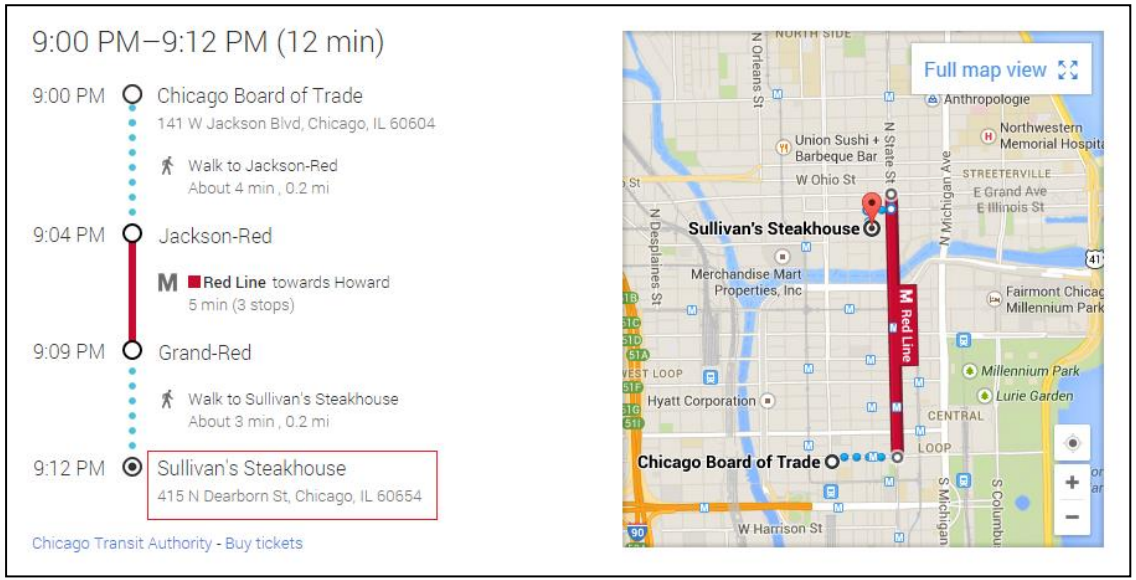
“The Internet Playbook: Connecting the Core of the Internet” by William B. Norton.



Happy Hour

Sullivan's Steakhouse
(Hubbard and Dearborn)
415 N Dearborn St
Chicago, IL 60654
9:00 – 11:00





Mohit Lad

- Mohit Lad is co-founder and CEO at ThousandEyes
- Mohit received a Ph.D. in Computer Science from UCLA where he conducted research in the area of large scale network diagnostics.
- Prior to ThousandEyes, Mohit contributed to the Traffic Explorer product at Packet Design and later worked at Nokia where he built a system to monitor mobile services performance.
- Mohit is an active member of North American Network Operations Group (NANOG) and is currently serving on its Program Committee.

William B Norton

- William B. Norton is the Chief Strategy Officer for IIX and Executive Director for DrPeering.net
- Author of “The Internet Peering Playbook: Connecting to the Core of the Internet,” and is an internationally recognized expert on Internet Peering and Internet Exchange Points
- From 1998 through 2008, Mr. Norton held the position of Co-Founder and Chief Technical Liaison for Equinix, Inc.
- Mr. Norton led seventeen NANOG Peering Birds-of-a-Feather (BOF) sessions, which came to be a popular fixture at NANOG meetings.
- Mr. Norton’s Business Case for Peering is now used by virtually every company that engages in large-scale traffic engineering.
- From 1987 to 1998 Mr. Norton was the Internet Engineering Manager responsible for, among other things, chairing NANOG, the operations forum for the North American Internet from 1995 through 1998.
- He received his MBA from the Michigan Business School and his Computer Science degree from Potsdam College.

Ariën Vijn

- Ariën is one of the principal design engineers of the Amsterdam Internet Exchange (AMS-IX).
- In 2001 he joined AMS-IX when AMS-IX traffic peaked at 5Gb/s. It is almost 600 times higher today.
- Ariën played a key role in making AMS-IX one of the largest and most stable public internet exchange points in the world.
- Before joining AMS-IX he worked for AT&T Labs and AT&T Solutions in Europe.
- He will be building the AMS-IX Chicago exchange.
- Ariën holds an Electrical and Electronics Engineering degree.