South Asian Network Operators Group (SANOG)

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SANOG

Agenda

- Where

- What

- Why

- When

- How

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South Asia ..

- Afghanistan
- Bangladesh
- Bhutan
- India
- Maldives
- Nepal
- Pakistan
- Sri Lanka

SANOG

What is SANOG

- SANOG is South Asian Network Operators Group
  - Similar to NANOG in North America, RIPE meetings in Europe, AFNOG in Africa, and APRICOT in the broader Asia Pacific Region

- It's based on the non-commercial agenda of sharing of networking and operational experiences within and with the rest of the world.

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Why

- The presence of people form the South Asian region at the other international forums is poor
  - Cost, culture, distance and level of discussions are all factors
- The people networking within the region was non-existent
- The only few who did get a chance to be at APRICOT/NANOG etc, couldn't share the knowledge because of lack of a local forum.

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So, we setup SANOG

- SANOG was setup as a smaller version of APRICOT
  - Workshops, tutorials, Conference
  - Close co-operation with APNIC
  - Co-operation with most of APRICOT instructors
- Main aim was to foster people networking and operational best practices in the region
- Get engineering folks to talk tech and provide them a forum

When

- OPEN Meeting
  - Everyone is welcome to participate
  - Typical meeting have people from the region, plus a wide range of participants from all over the world

- It's hosted in the SA region.
  - Twice a year, in Northern summer and winter

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SANOG History

- SANOG I : 22-28 January, 2003, Kathmandu, Nepal
  - Fairly Small, co-located, no workshops, 110+

- SANOG II : 20-27 July 2003, Colombo Sri Lanka
  - Co-located, with 2 workshops, small conference, 110+

- SANOG III: 15-22 January, 2004, Bangalore, India
  - Co-located with v6 summit, good overall feedback, ISOC Support for fellowship. 150+

- SANOG IV : 23- 30 July, 2004, Kathmandu, Nepal
  - Independent event, 3 workshops, NSRC collaboration, MoU with APNIC, APIA, new website, More committees, 150+

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SANOG datelines

- SANOG V : 6-13 February, 2005, Dhaka, Bangladesh
  - Very well attended despite ongoing uncertainty due to tsunami, SAARC summit, political changes in Nepal etc.. 160+

- SANOG VI : 16-23 July, 2005, Thimphu, Bhutan
  - First such large event in Bhutan, large local participation, much higher quality conference program, 140+

- SANOG VII 16-24 January, 2006, Mumbai, India
  - Hosted by ISP Association of India, support from NIXI, and GoI. 220+ participants

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SANOG VIII

- First networking event in Pakistan, hosted by the newly formed Networking Society of Pakistan.

- Same format as before
  - 3 workshops, 11 tutorials in two days and two days conference along with APNIC OPM showcase.
  - Topics like MPLS, DNSSec, Anti-SPAM, Data Center Design, Storage Area Networks, IPv6, VOIP, BGP, IXP, L2 Security & Multicast

- Lots of positive outcomes
  - "As a useful by-product, we in Pakistan are more networked after the SANOG8 event. - Tee Emm"

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SANOG datelines

- SANOG IX : 14-24 January 2007, Colombo, Sri Lanka

- SANOG X / APNIC 24 : 29 August 2007 to 7 September 2007, New Delhi, India

- SANOG XI : 16-24 January, 2008, Dhaka, Bangladesh

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SANOG I - VIII

- pictures removed due to large file size.

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Structure

- Core committee
  - Programme Committee
  - Fellowship Committee
- Advisory Council
- Meeting is 9 days
  - 3 parallel 5 days workshops
  - 3 parallel tracks 2 days of tutorial
  - Single track 2 days conference

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Collaborations

- Signed MoU with APNIC during APNIC 16 for co-operation

- Co-operation with ISOC and NSRC since SANOG III.

- ISOC funding has been critical for fellowship program

- ISC, APIA, PCH, NetNod, IPJ, npIX, IPv6 Forum India, ISPAI, ISPAN, BDIX, NSP

- The community of folks in the region

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Financially

- We have sponsors
  - Local sponsors generally provide services and support
  - Major international commercial sponsors provide cash and other resources
  - ISOC sponsors the Fellowship Program
  - Few sponsors like Netnod, ISC, PCH, NPIX help to keep SANOG going by providing ongoing support
  - APNIC provides both cash and resources and has very strongly supported SANOG from the beginning

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Administrative

- SANOG secretariat is still run voluntarily
  - It mostly involves correspondence and making announcements and receiving mail (err.. spam)
  - No bank account, APIA MoU for a/c in Singapore
  - Each local hosts handles the entire finances of each event, and if a profit is made contributes to a general SANOG fund for making the Secretariat more active in future
  - Program Committee and Core-committee all discuss things on e-mail and meet at each SANOG and at other internet related meetings, most often at APRICOT.

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Procedures

- Venue selection

- Dates Fixed

- Call for papers, fellowships announced

- After preliminary program is ready, open registrations

- Keep the announcements going out regularly.

- Event organized

- Post event analysis by core-committee.

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Some More Information…

- The website is updated as required.
  - www.sanog.org

- Mailing list is fairly low volume
  - send e-mail to <u>sanog-request@sanog.org</u> with 'subscribe' in subject to subscribe to the list

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RIPE NCC Collaboration

- OPEN OPEN OPEN meeting..
- We have ongoing collaboration with the RIPE NCC
- RIPE NCC members get discounts like APNIC members
- The RIPE NCC Services Working Group Chair - Kurtis Lindqvist is member of the program committee
- West Asia BoF organized once

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Other NOGs

- APRICOT - Asia Pacific Regional Internet Conference on Operational Technologies www.apricot.net
  - 21 February - 2 March, 2007, Bali Indonesia
  - Similar structure as SANOG but larger, more complex, once a year

- NANOG : www.nanog.org - a lot more intense, complex. 3 times a year

- AfNOG : www.afnog.org - not so intense, not so complex either, once a year

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Other NOGs

- EOF - European Operators Forum held as part of RIPE meetings

- Latin America (LACNIC/NAPLA)

- PacNOG : Pacific NOG, once a year

- JANOG - Biggest country NOG, entirely in Japanese

- SwiNOG - Switzerland NOG, whenever people feel like it.

- NZNOG - In New Zealand once a year.

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Your turn to speak..

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Thank You

hopefully, we'll see you at the next

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14-24 January 2007, Colombo, Sri Lanka

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