

Network Operations Groups around the World

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SANOG 16

15 - 22 July 2010

Paro, Bhutan



Internet Operations Groups

- Where network engineers and operators meet their colleagues
 - Peering & Business relationships
 - Industry relationship
 - Technology discussions
 - Operational best practices
 - Compare experiences (supplier, operational,...)
 - Purchasing decisions influenced
 - Networking software features worked out
 - Employment opportunities
 - Keeping the Internet Working



AfNOG

- African Ops Conference
 - Established in 2000
 - Still centred around Workshops, based on the now defunct INET Workshops organised by ISOC
 - Co-located with one of two AfriNIC meetings
- Meets once per year in April/May
- Typical attendance around 100
- Moves around Africa
 - 2009 was in Cairo, Egypt
 - 2010 was in Kigali, Rwanda



AfNOG (2)

- Programme
 - 5 days of workshops
 - 4 parallel workshops including System Administration, Scalable Services and Scalable Infrastructure
 - 2 days of tutorials
 - 3 parallel tutorials, usually more detailed content than the workshops
 - 1 day of conference
- Website:
 - www.afnog.org



APRICOT

- APRICOT 2010
 - Kuala Lumpur, 23rd February – 5th March
 - 734 participants from 53 countries
 - 5 days of workshop, 5 days of tutorial & conference
 - Includes APNIC Member Meeting
 - Workshops included:
 - 2x IPv4/v6 Routing, Network Management, VoIP, ISP Security, MPLS, Multicast



APRICOT (2)

- APRICOT 2011
 - Hong Kong, 15th – 25th February
 - Will be held jointly with APAN 31
- APRICOT 2012
 - New Delhi, 22nd February – 3rd March
 - SANOG 19 will be part of APRICOT 2012
- Forward planning is vital
 - Work starts 9 months prior to the event
 - Future host MUST participate on organisation committee and organisation activities of the prior event



MENOG

- Two meetings per year in the Middle East
- MENOG 5
 - 25th – 29th October 2009 in Beirut
 - Two 3 day workshops
 - IPv4/v6 Routing & ISP Security
 - 180 attendees from 29 countries
- MENOG 6
 - 10th – 14th April 2010 in Riyadh
 - Two 3 day workshops
 - IPv4/v6 Routing & Robust DNS Infrastructure
 - 140 attendees from 19 countries



MENOG (2)

- MENOG 7
 - 21st – 29th October 2010 in Istanbul, Turkey
 - Edge of region, but strong interest from the industry to host the event
- MENOG 8 and 9
 - Following MENOG 5, countries including Jordan and Syria expressed interest in hosting events in 2011
- Desire to push workshops up to 5 days
 - 3 days is “too short”

The title "NANOG" is written in a large, blue, sans-serif font. To the left of the text is a graphic consisting of a vertical black line and several overlapping colored squares (yellow, red, blue) with a gradient effect. A horizontal grey line extends from the bottom of the graphic across the slide.

NANOG

- Three meetings per year in North America
 - NANOG 48
 - Austin, Texas, 21 – 24 February 2010
 - NANOG 49
 - San Francisco, 13 – 16 June 2010
 - NANOG 50
 - Atlanta, Georgia, 3 – 6 October 2010
 - NANOG 51
 - Miami, Florida, 30 January – 2 February 2011



NANOG (2)

- Established formula of:
 - Conference plenary
 - “Birds of Feather” sessions
 - Tutorials
 - Panel discussions
- Around 500 participants
 - Depends on location
 - Programme quality
 - Forward planning



PacNOG

- Two meetings per year in the Pacific Islands
- PacNOG 6
 - 16th – 26th November 2009 in Nadi, Fiji
 - 1 day conference, 8 days of workshops
 - Workshops included:
 - IPv4/v6 Routing, System Admin, VoIP, IXP & Peering
- PacNOG 7
 - 28th June – 3rd July 2010, Pago Pago, American Samoa
 - 1 day conference & tutorials, 5 days of workshop
 - Workshops included:
 - IPv4/v6 Routing, VoIP, Network Systems, LAMP, DNS



PacNOG (2)

- PacNOG 8
 - 22nd – 27th November 2010, Pohnpei, FSM
 - First time in Micronesia, and will celebrate arrival of undersea fibre in FSM
- PacNOG 9 and 10
 - 2011 planning well under way
 - Countries interested in hosting include Solomons, New Caledonia and Tonga



SANOG

- SANOG 15
 - 27th January – 3rd February 2010 in Dhaka, Bangladesh
- SANOG 16
 - 15th – 23rd July 2010 in Paro, Bhutan
- Standard established formula:
 - Three 5 day workshops
 - 2 days of tutorials
 - 1.5 days of conference plenary



SANOG (2)

- SANOG 17
 - Will be in Colombo, Sri Lanka
 - January 2011
- SANOG 18
 - Will be in Pokhara, Nepal
 - August/September 2011



Country NOGs

- New Country NOGs are going from strength to strength
- Examples:
 - PLNOG, DENOG
- Joining more established NOGs such as:
 - NZNOG, JANOG, UKNOF, SwiNOG



More information

- Other NOGs:
 - www.bugest.net/nogs.html
- Meeting planning:
 - “Network Education and Training Calendar of Events” maintained by the NSRC
 - ws.edu.isoc.org/calendar
 - **Desirable to avoid conflicts and overlaps**