APNIC Status Report

SANOG VI
16-23 July 2005, Thimpu, Bhutan
Kapil Chawla, APNIC
What is APNIC?

• Regional Internet Registry for the Asia Pacific region
  • Regional authority for Internet resource distribution
  • IP addresses (IPv4 & IPv6), AS numbers and reverse DNS delegation

• Membership based organisation
  • Established 1993
  • Non profit, neutral and impartial
Why do we have RIRs?

- Lessons from the past
  - Wastage of addresses (A, B & C’s..)
  - Growing routing table
  - No scalable resource distribution system
  - No proper registration system

- ‘Addressing’ the problems
  - Classless addressing (CIDR)
  - Creation of RIRs
  - Whois databases

- RIR goals
  - Aggregation, conservation & registration
APNIC’s role

“Addressing the challenge of responsible Internet resource distribution in the Asia Pacific region”

• Core activities: primary responsibilities
  • Critical Internet administrative services
  • IP resource allocation
  • Resource registration and reverse DNS
  • Facilitation of policy development

• Additional activities
  • Training, outreach and seminars
  • Publications, APster, annual report, articles
  • Infrastructure development: IRR, root-servers
  • R&D and statistical analysis
  • Services to community through collaboration
Total APNIC members in South Asia

Total members in South Asia - 231 (Last SANOG - 203)
Total IPv4* allocations in South Asia

* 6 IPv6 allocations in India, no others in South Asia (Last SANOG 4)
Total ASN allocated in South Asia

Total ASN in South Asia - 193 (Last SANOG - 165)
## Policy update

<table>
<thead>
<tr>
<th>Policy</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>prop-018-v001 Protecting historical records in APNIC Whois database</td>
<td>Impl Dec ’04</td>
</tr>
<tr>
<td>prop-017-v001 Recovering unused historical address space managed by APNIC</td>
<td>Impl Mar ’05</td>
</tr>
<tr>
<td>prop-025-v001 Proposal on IPv6 IRR service at APNIC</td>
<td>Impl May ’05</td>
</tr>
<tr>
<td>prop-020-v001 HD ratio for IPv4</td>
<td>LIR survey</td>
</tr>
<tr>
<td>prop-027-v001 Extension of large space IPv4 trial for future IPv6 deployment</td>
<td>Implemented</td>
</tr>
</tbody>
</table>

[http://www.apnic.net/docs/policy](http://www.apnic.net/docs/policy)
Helpdesk services

• **NEW!** Helpdesk chat support
  • 1st Trial at this SANOG

• Local languages spoken
  • Hindi, Punjabi, Telgu, Sinhalese & Urdu
MyAPNIC on-line voting (new!)

Good afternoon Maria.

REMEMBER

[10 June 2005]

Online voting trial now open

Corporate contacts for current APNIC members can now participate in APNIC’s first online voting trial. Voting has been extended, and will now close at 10:00 (UTC), 8 July 2005.

[03 June 2005]

APNIC 20 update

APNIC 20 will be held at the Shangri-La Hotel, Hanoi, Vietnam, from 8-9 September 2005, hosted by the Vietnam Network Information Centre (VINIC).

Online voting

Voting starts: 10 Jun 2005, 00:00 (UTC)
Voting ends: 08 Jul 2005, 00:00 (UTC)

Vote now

Each year, the APNIC Secretariat produces an Annual Report, which is printed and distributed by post and is also available for download from the APNIC website. It is proposed to no longer provide a printed copy of the report, but instead to make the report available in digital format (PDF) only.

I agree with this proposal

☐ Yes
☐ No

Please choose number of votes to use

Do you agree to the APNIC voting terms and conditions?

☐ Yes, I agree

Details of votes
Training activities 2005

• Updated Training courses
  • Internet Resource Management I & II, Essentials
  • DNS, advanced DNS workshops

• New Tutorials & Workshop
  • SPAM, Security, Technical IPv6 tutorials
  • Routing workshop
  • E-learning

• Collaborations
  • intERLab/AIT in Thailand
  • Other Asia Pacific NOGs (SANOG, PACNOG)
  • SOI Asia

• Trainings in SA
  • Dakha, Karachi & Delhi
Trainings in 2005 so far...

(*) with DNS workshop
(+) with IRR tutorial

Karachi, April

Delhi, April

Bangkok, June

Kathmandu, March

Dhaka, February**+

Kyoto, February

Vungutau, June

PNG, March

Vientiane, June

Makati, March

Sydney, May

Fiji, June

Hamilton, January

Training 2005 – http://www.apnic.net/training
South Asia liaison and participation

- Liaison
  - SANOG V, Dhaka, BD
  - ISP associations (MoUs)

- Participation
  - Increasing rapidly
    - APNIC 20 fellowship
      - Out of 72 applicants, 59 from South Asia
    - APNIC19 EC elections
      - 4 nominations from South Asia
    - Root Server deployment
      - 3 EOI for 5 Root server deployment in SA
‘Anycast’ rootserver deployments

• Working with root operators (F, I, K, M)
  • IN (F,I,K) very SOON, PK (F) end 2005, EOI from BD (F)
APNIC 20, 6-9 Sept, Hanoi, Vietnam

20th APNIC Open Policy Meeting

Members and friends of APNIC are invited to attend the 20th APNIC Open Policy Meeting (APNIC 20) to be hosted by Vietnam Network Information Centre (VNNIC).

6-9 September 2005
Melia Hanoi Hotel
448 Ly Thuong Kiet, Hanoi, Vietnam

News
- 15 June 2005: Visa information available
- 10 June 2005: NC election call for nominations open
- 1 June 2005: Registration form available
- 22 April 2005: Sponsorship details available
- 21 April 2005: Draft schedule available

Key dates
- 10 Aug 2005: Deadline for policy proposals
- 10 Aug 2005: Deadline for FP 2005 Nominations
- 6 Sep 2005: APNIC tutorials start
- 7 Sep 2005: APNIC Open Policy Meeting starts
- 9 Sep 2005: APNIC Annual Meeting

Programme

APNIC 20 will include tutorials, Special Interest Groups (SIGs), Birds of a Feather sessions (BoFs), hashtag consultations, the APNIC Member Meeting (AMM), and a social event.

Tutorials
- 8 September 2005
- The tutorial programme includes a security tutorial and a spam tutorial. APNIC is also planning a 2-day pre-meeting routing workshop.

Special Interest Groups
- 7-8 September 2005
- Members of the Internet community are invited to present and participate. SIG Chairs have now issued calls for presentations to the SIG mailing lists.

AMM
- 9 September 2005
- The AMM is open to all APNIC members and can attend free of charge.

Meeting features

During APNIC 20 you will be able to watch sessions live on the internet via:
- Video streaming
- Live transcriptions
You will also be able to have your say on APNIC 20 topics via:
- Jabber chat

More information http://www.apnic.net/meetings
APNIC 21 – Perth, Australia

- With APRICOT 2006
  - 28 Feb – 3 March
Questions?

Thank you!