

# APNIC Status Report

SANOG VI

16-23 July 2005, Thimpu, Bangladesh

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# 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

# Total ASN allocated in South Asia





# Policy update

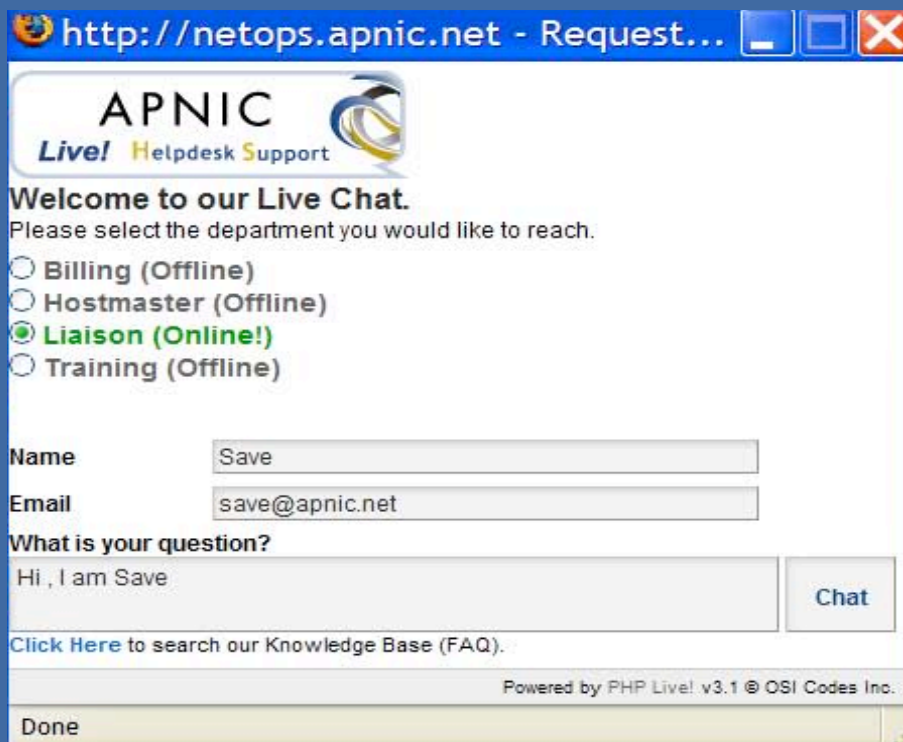
Policy	Status
<a href="#">prop-018-v001</a> Protecting historical records in APNIC Whois database	Impl Dec '04
<a href="#">prop-017-v001</a> Recovering unused historical address space managed by APNIC	Impl Mar '05
<a href="#">prop-025-v001</a> Proposal on IPv6 IRR service at APNIC	Impl May '05
<a href="#">prop-020-v001</a> HD ratio for IPv4	LIR survey
<a href="#">prop-027-v001</a> Extension of large space IPv4 trial for future IPv6 deployment	Implemented

<http://www.apnic.net/docs/policy>



# Helpdesk services

- **NEW!** Helpdesk chat support
  - 1<sup>st</sup> Trial at this SANOG



The screenshot shows a web browser window titled "http://netops.apnic.net - Request...". The page header includes the APNIC logo and "Live! Helpdesk Support". The main content area says "Welcome to our Live Chat." and "Please select the department you would like to reach." Below this are four radio button options: "Billing (Offline)", "Hostmaster (Offline)", "Liaison (Online!)" (which is selected and highlighted in green), and "Training (Offline)". There are input fields for "Name" (containing "Save") and "Email" (containing "save@apnic.net"). A text area for "What is your question?" contains the text "Hi, I am Save". A "Chat" button is located to the right of the text area. At the bottom, there is a link "Click Here to search our Knowledge Base (FAQ)." and a footer that reads "Powered by PHP Live! v3.1 © OSI Codes Inc." and a "Done" button.

- Local languages spoken
  - Urdu, Hindi, Punjabi, Telgu, Sinhalese

# MyAPNIC on-line voting (new!)

MyAPNIC - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Mail Print Address Book Links

Address <https://my.apnic.net/voting/> Go Links

Asia Pacific Network Information Centre

**APNIC**

**Voting**

Resources Training/Events Administration Technical Security Preferences Signoff

Good afternoon **Maria**.

**REMINDER**

[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 0:00 (UTC), 8 July 2005.

[03 June 2005]

**APNIC 20 update**

APNIC 20 will be held at the Melia Hanoi Hotel, Hanoi, Vietnam, from 6-9 September 2005, hosted by the Vietnam Network Information Centre (VNNIC).

You're here: [Home](#) > Online voting

**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	<input type="radio"/> Yes <input type="radio"/> No
Please choose number of votes to use	<input type="text"/>
Do you agree to the <a href="#">APNIC voting terms and conditions</a> ?	<input type="checkbox"/> Yes, I agree

Submit

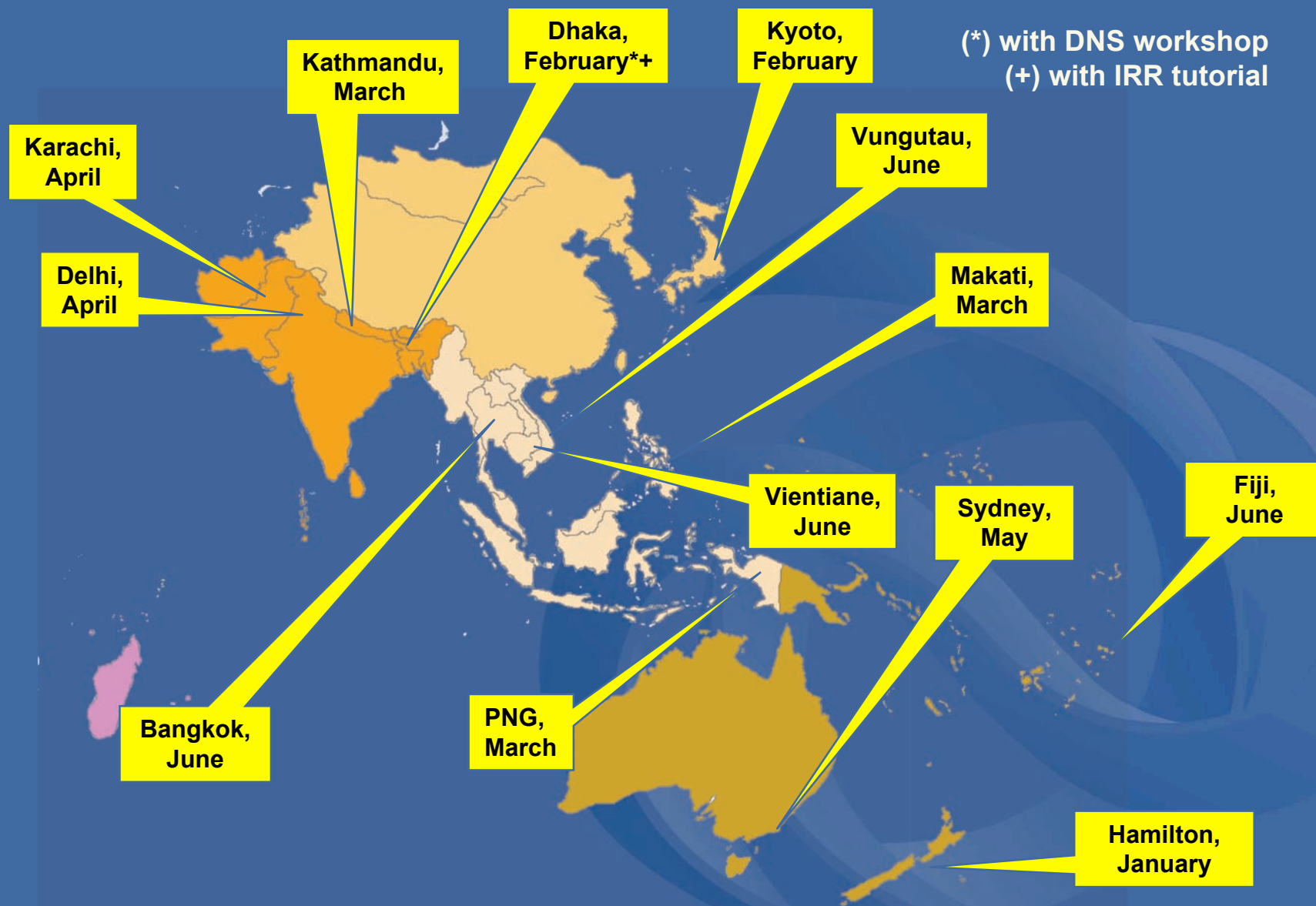
**Details of votes**

Done Internet

# 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
  - Kathmandu, Dakha, Karachi, Delhi

# Trainings in 2005 so far...



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

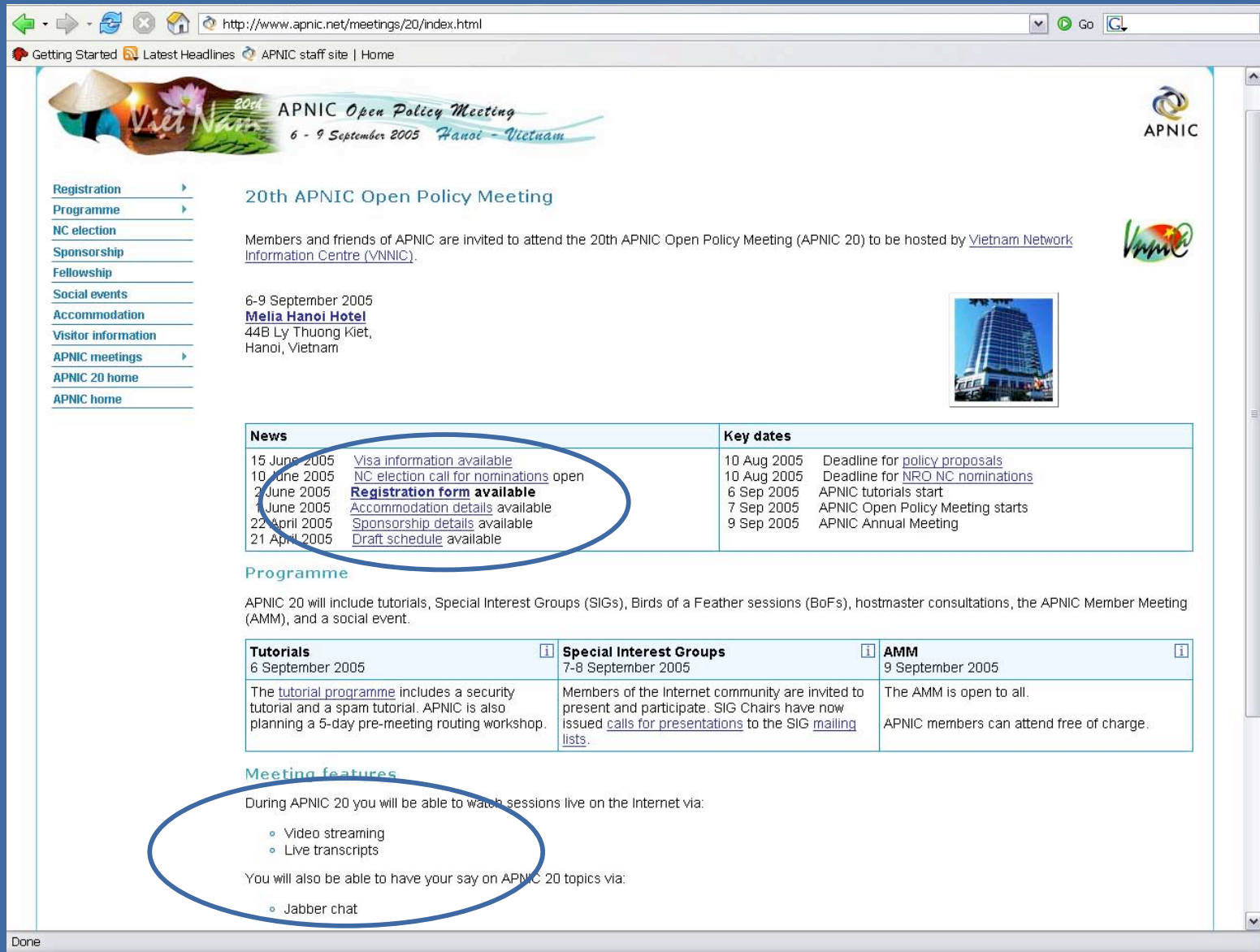


# ‘Anycast’ rootserver deployments

- 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



The screenshot shows the APNIC 20 website with a navigation menu on the left and a main content area. The main content area includes a header for the 20th APNIC Open Policy Meeting, a list of news items, a key dates table, a programme description, and a meeting features section. Several elements are circled in blue: the 'Registration form available' link in the news section, the 'Meeting features' section, and the 'Live transcripts' link in the meeting features list.

**Registration**  
**Programme**  
 NC election  
 Sponsorship  
 Fellowship  
 Social events  
 Accommodation  
 Visitor information  
 APNIC meetings  
 APNIC 20 home  
 APNIC home

**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**  
 44B Ly Thuong Kiet,  
 Hanoi, Vietnam

**News**

15 June 2005	<a href="#">Visa information available</a>
10 June 2005	<a href="#">NC election call for nominations open</a>
2 June 2005	<b><a href="#">Registration form available</a></b>
2 June 2005	<a href="#">Accommodation details available</a>
22 April 2005	<a href="#">Sponsorship details available</a>
21 April 2005	<a href="#">Draft schedule available</a>

**Key dates**

10 Aug 2005	Deadline for <a href="#">policy proposals</a>
10 Aug 2005	Deadline for <a href="#">NRO NC nominations</a>
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), hostmaster consultations, the APNIC Member Meeting (AMM), and a social event.

Tutorials	Special Interest Groups	AMM
6 September 2005	7-8 September 2005	9 September 2005
The <a href="#">tutorial programme</a> includes a security tutorial and a spam tutorial. APNIC is also planning a 5-day pre-meeting routing workshop.	Members of the Internet community are invited to present and participate. SIG Chairs have now issued <a href="#">calls for presentations</a> to the <a href="#">SIG mailing lists</a> .	The AMM is open to all.  APNIC members 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 transcripts

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
  - <http://www.2006.apricot.net>
  - 28 Feb – 3 March

Perth



# Questions?

# Thank you!