



APNIC

Asia Pacific Network Information Centre

1

APNIC Status Report

SANOG VI

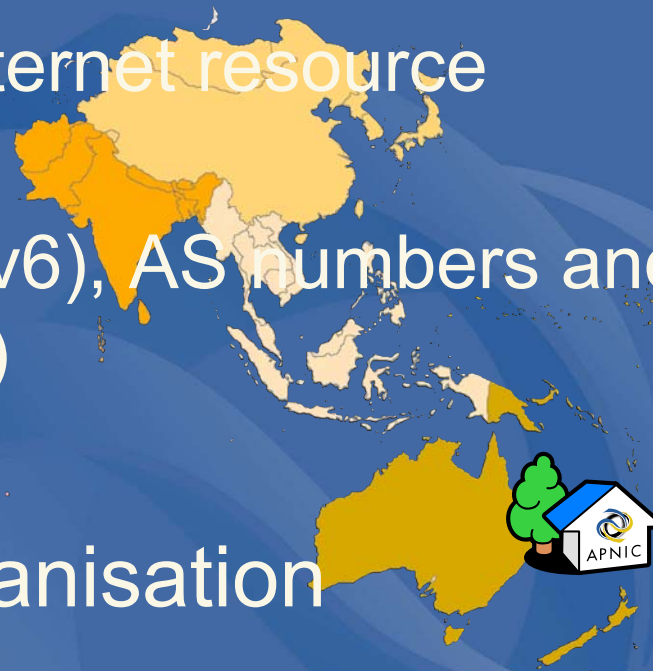
16-23 July 2005, Thimpu, Bhutan

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



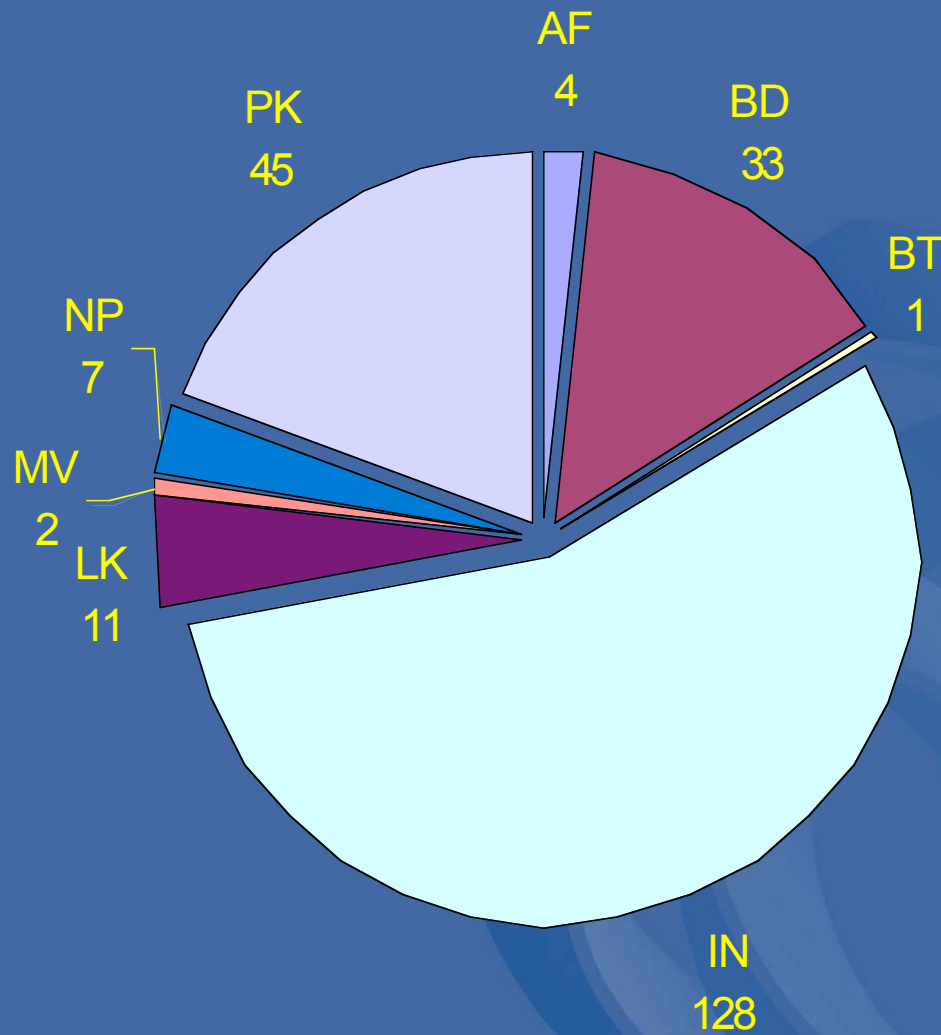
APNIC's role

“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



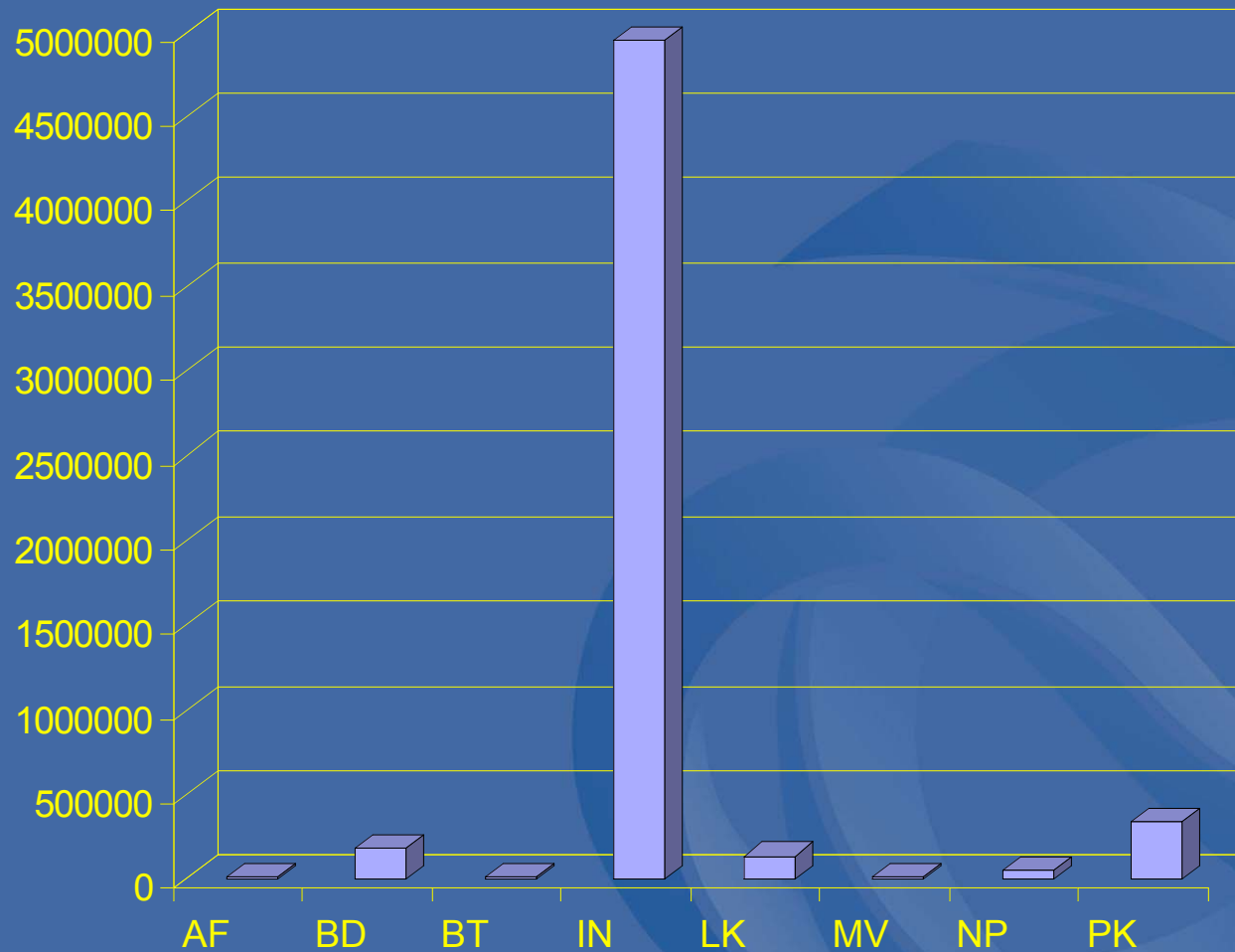
Total APNIC members in South Asia



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



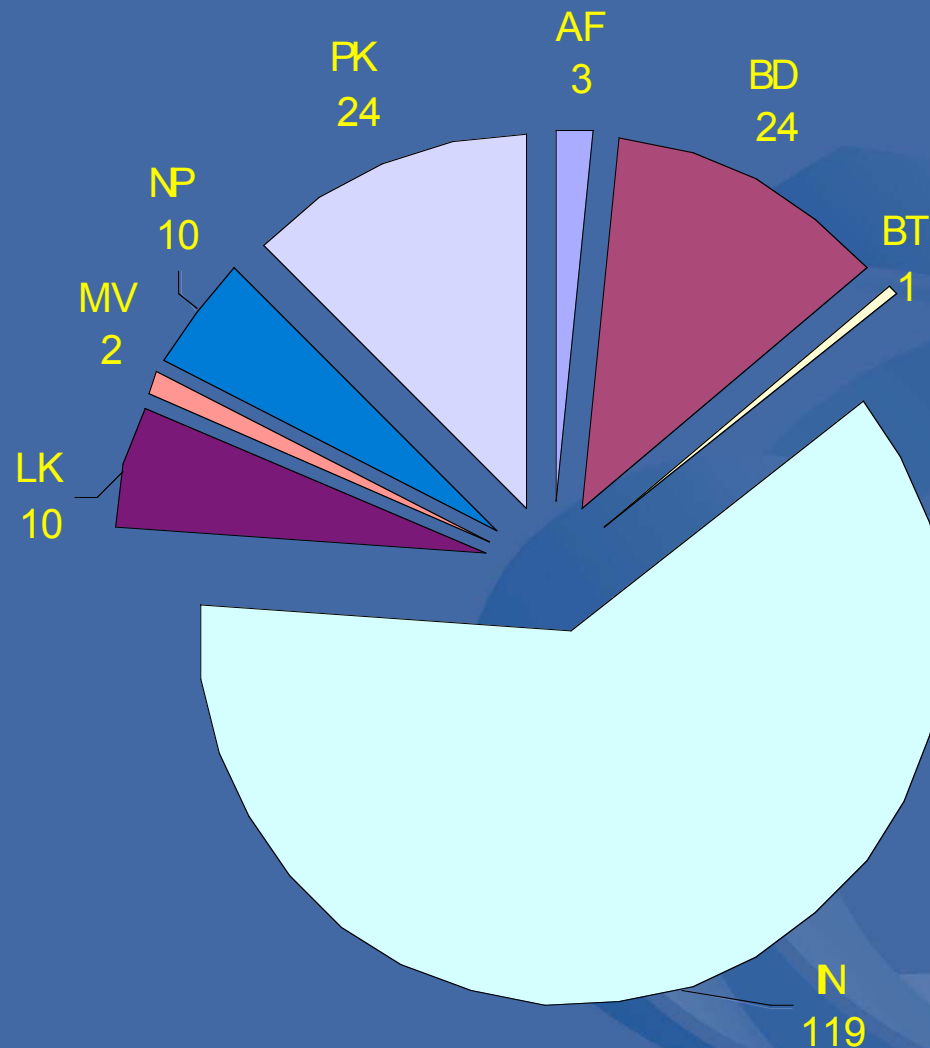
Total IPv4* allocations in South Asia



* 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)



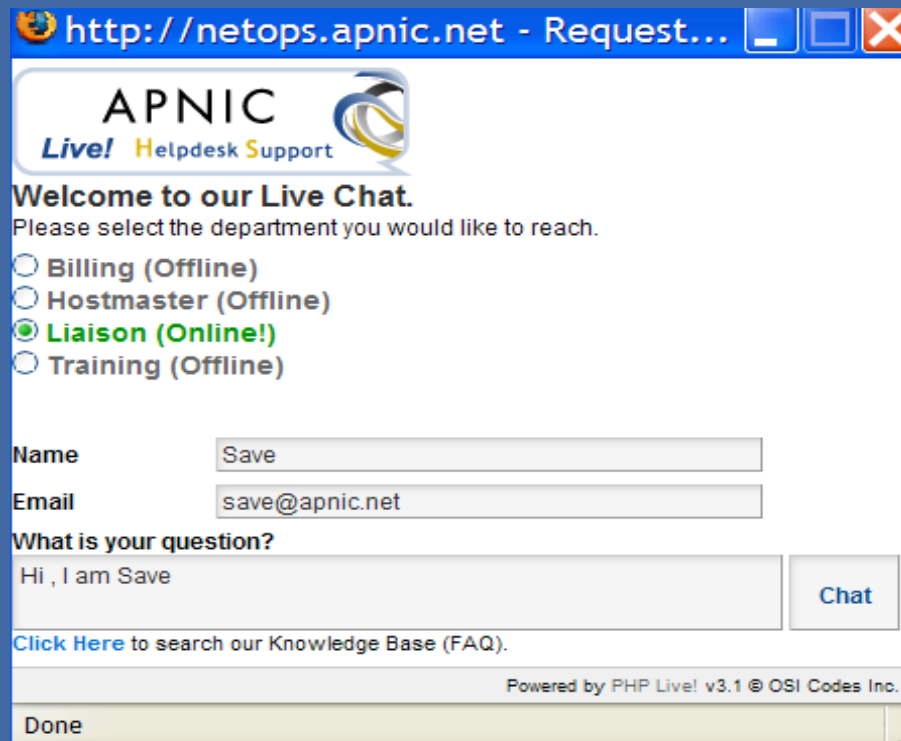
Policy update

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

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

Helpdesk services

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



- Local languages spoken
 - Hindi, Punjabi, Telugu, Sinhalese & Urdu



MyAPNIC on-line voting (new!)

MyAPNIC - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

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

Submit

Details of votes

Done Internet

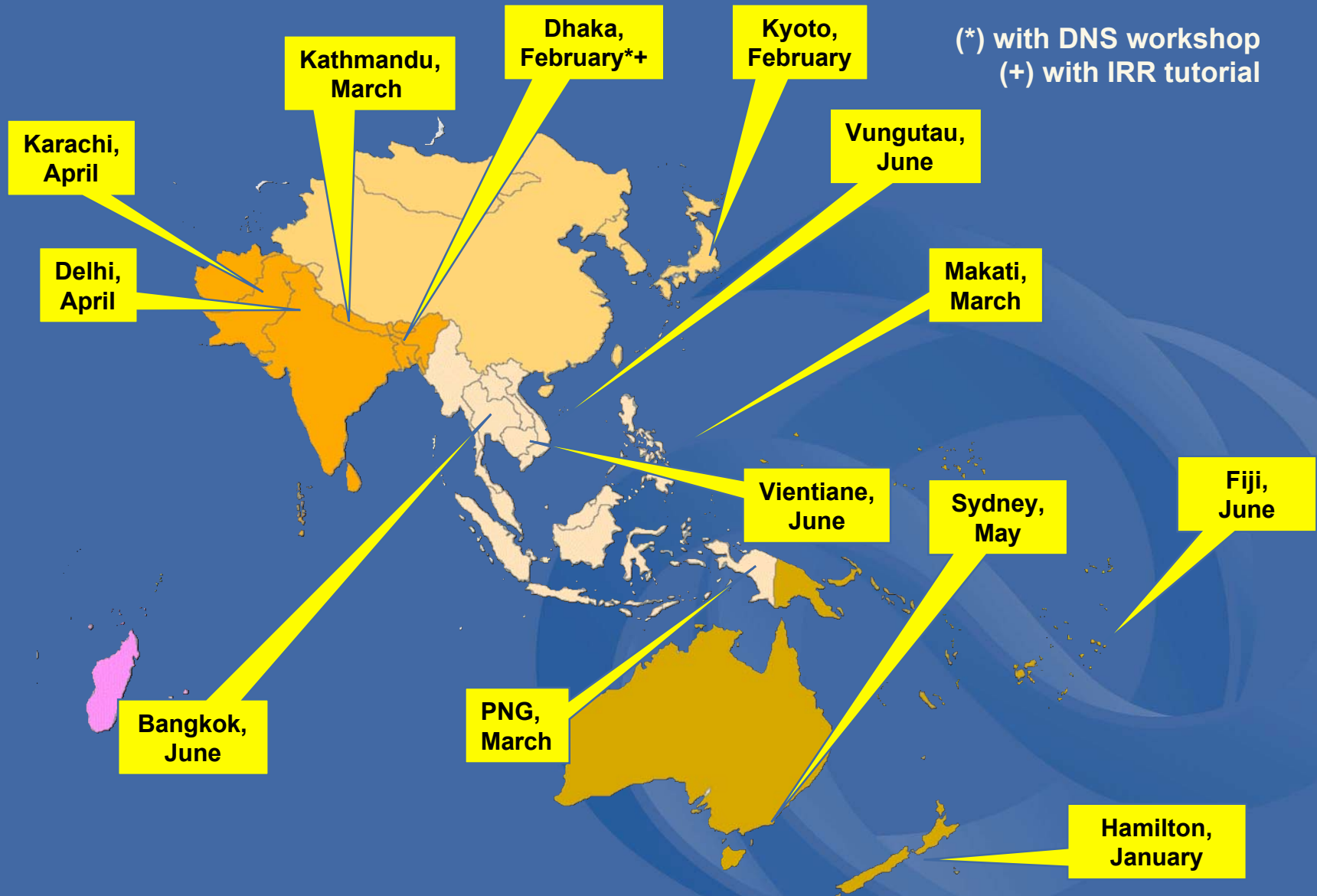


Training activities 2005

- 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
 - 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

http://www.apnic.net/meetings/20/index.html

Getting Started Latest Headlines APNIC staff site 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 \(VNIC\)](#).

6-9 September 2005
Melia Hanoi Hotel
 44B Ly Thuong Kiet,
 Hanoi, Vietnam

News	Key dates
15 June 2005 Visa information available	10 Aug 2005 Deadline for policy proposals
10 June 2005 NC election call for nominations open	10 Aug 2005 Deadline for NRO NC nominations
2 June 2005 Registration form available	6 Sep 2005 APNIC tutorials start
June 2005 Accommodation details available	7 Sep 2005 APNIC Open Policy Meeting starts
22 April 2005 Sponsorship details available	9 Sep 2005 APNIC Annual Meeting
21 April 2005 Draft schedule available	

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 tutorial programme 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 calls for presentations to the SIG mailing lists .	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

Done

More information <http://www.apnic.net/meetings>

APNIC 21 – Perth, Australia

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

Perth

APNIC





Questions?

Thank you!