RIR Policy Development Update

Policy SIG

8 Sep 2005

APNIC20, Hanoi, Vietnam

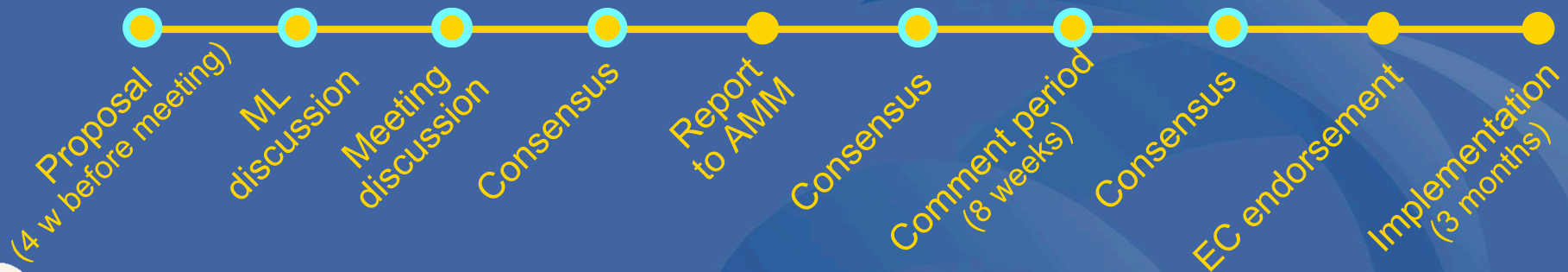Save Vocea

APNIC

Overview

- APNIC policy development update
- Other RIR community update
  - AfriNIC
  - ARIN
  - LACNIC
  - RIPE
- Common topics under discussion

APNIC policy development process

Need   Discuss   Consensus   Implement

Proposal
(4 w before meeting)

ML
discussion

Meeting
discussion

Consensus

Report
to AMM

Consensus

Comment period
(8 weeks)

Consensus

EC endorsement

Implementation
(3 months)

You can participate!

More information about policy development can be found at:

http://www.apnic.net/docs/policy/dev

Asia Pacific Network Information Centre

APNIC

APNIC policy update

- since last APNIC 19
  - prop-008-v001 IANA IPv4 resource request procedures (Global policy)
    - Adopted by ICANN Board in 8 April 2005 and also implemented by the RIRs
  - prop-025-v001 Proposal on IPv6 IRR
    - To be implemented (full report in DB SIG)
  - prop-026-v001 APNIC to publish address assignment statistics
    - Implemented (full report in DB SIG)
  - prop-027-v001 The second phase of Large Space IPv4 Trial Usage program for future IPv6
    - Approval of program extension

APNIC

Where are the current proposals?

APNIC policy proposals - Mozilla Firefox

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http://www.apnic.net/docs/policy/proposals/index.html

Firefox Help Firefox Support Plug-in FAQ

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Quick Links

APNIC policy proposals

Current proposals

Proposal reference	Description
prop-003-v002	Policy for mirroring on IRR
prop-005-v005 (To be discussed at APNIC 20)	Internet Assigned Numbers Authority (IANA) policy for allocation of IPv6 blocks to Regional Internet Registries
prop-019-v001	A proposal for whois database query
prop-020-v001	Application of the HD ratio to IPv4
prop-022-v001	A proposal to abolish redundant charges in IPv6 allocations
prop-025-v001	Proposal on IPv6 IRR service at APNIC
prop-026-v001	APNIC to publish address assignment statistics
prop-027-v001	The second phase of Large Space IPv4 Trial Usage Program for Future IPv6 Deployment
prop-028-v001 (To be discussed at APNIC 20)	Abolishing IPv6 per address fee for NIRs
prop-029-v001 (To be discussed at APNIC 20)	Proposal for Discrete Networks and National Peering
prop-030-v001 (To be discussed at APNIC 20)	Deprecation of ip6.int reverse DNS service in APNIC
prop-031-v001 (To be discussed at APNIC 20)	Proposal to amend APNIC IPv6 assignment and utilisation requirement policy

A new policy tracking system was implemented in June 2003. All proposals received after June 2003 can be tracked using the system above. Policy proposals submitted before June 2003 can be found in the SIG archives.

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http://www.apnic.net/docs/policy/proposals

Policy proposals in APNIC 20

Reference	Description	SIG
prop-005-v005	IANA policy for allocation of IPv6 blocks to RIRs (Global)	Policy
prop-028-v001	Abolishing IPv6 per address fees for NIRs	NIR
prop-029-v001	Proposal for discrete networks and national peering	Policy
prop-030-v001	Deprecation of ip6.int reverse DNS service in APNIC	DNS
prop-031-v001	Proposal to amend APNIC IPv6 assignment and utilisation requirement policy	Policy

AfriNIC community

- End User Allocation Policy (Apr05)
  - Min alloc /24 inc. critical infrastructure

- Temporary Address Assignment Policy (experiments) (Apr05)
  - 1 month duration and returnable

- Modifications to ASN assignment criteria(Apr05)

  http://www.afrinic.net/policy.htm

ARIN community

- Under discussion for ARIN XVI
  - 2005-8: Proposal to amend ARIN IPv6 assignment and utilisation requirement
  - 2005-7: Rationalize Multi-Homing Definition and Requirement
  - 2005-6: IPv4 Micro-allocations for Anycast Services
  - 2005-5: IPv6 HD ratio
  - 2005-4: AfriNIC Recognition Policy
  - 2005-2: Directory Services Overhaul
  - 2005-1: Provider Independent IPv6 Assignments for End-sites

http://www.arin.net/policy/proposals/proposal_archive.html

LACNIC community

- Global policy IPv6 allocation IANA to RIRs
  - As in other RIR communities
- Recovery of unused Internet resources
- IPv4 additional allocation policy for International ISPs
- IPv6 size management (informational OPM discussion)

http://lacnic.net/en/politicas/index.html

RIPE community

- HD Ratio for IPv4
  - Last call 15th July 2005. No decision yet
- IP Assignments for Anycasting DNS Servers
  - No clear consensus. Await revised version of the proposal
- IPv6 Initial Allocation
  - To remove the requirement for 200 customers
  - Revised proposal is being developed

RIPE community

- IPv6 Address Allocation and Assignment Policy - definition of an "End-Site"
  - Clarify definition of an "end-site". Currently in discussion phase
- Removal of AfriNIC policies from RIPE policy documents
- Introducing DNSSEC service to the reverse DNS trees
  - Discussion extended
- Formalised policy development process implemented

http://www.ripe.net/ripe/policies/proposals/index.html

Common topics

IPv6 allocation from IANA to the RIRs	Global
IPv6 assignment management	All
Edit of policy documents recognizing AfriNIC	APNIC, ARIN, RIPE
Applying HD ratio to IPv4	APNIC, RIPE

Thank you!

APNIC