Address Policy WG

Chairs
Hans Petter Holen - Visma
Gert Döring - SpaceNet
Andrea Borgato – independent

Agenda

- http://www.ripe.net/ripe/meetings/ripe-53/agendas/address_policy.html
- AOBs
  - PI

- Reference:
  - **Title: Current Policy Topics - World Wide View Presenter:** Filiz Yilmaz (RIPE NCC)
  - **Abstract:** *This presentation focuses on recent policies and discussions about Internet resources in the five Regional Internet Registry regions (AfriNIC, APNIC, ARIN, LACNIC and RIPE NCC). The presentation provides an overview of recent policy related developments relevant to IPv4, IPv6 and AS Numbers.*

A. Administrative Matters

- Welcome

- Select a scribe

- Distribute participants list

- Finalise agenda

- Approval of minutes from RIPE 52

- Point people to mailing list - address-policy-wg@ripe.net

B. Elect a New Address Policy Working Group Chair and Co-Chair(s)

- Hans Petter Holen is proposing to step down as working group chair (and become a co-chair) due to high work load/little spare time

- Andrea Borgato seems to have fallen off the net

C. Ongoing/Current Address Policy Proposals in the RIPE Region

- Accpted proposals
- Open IPv6 proposals
- New IPv4 proposals

Overview

- A 2005-02 : IP Assignments for anycasting DNS
- A 2005-12 : 4-byte AS Number Policy
- R 2005-08 : Amend IPv6 Assignment and Utilisation Requirement
- D 2006-01 : Provider Independent (PI) IPv6 Assigments for End Users
- D 2006-02 : IPv6 Address Allocation and Assignment Policy
- D 2006-04 : Contact e-mail Address Requirements
- D 2006-05 : (IPv4) PI Assignment Size
- D 2006-06 : IPv4 Maximum Allocation Period
- D 2006-07 : Minimum IPv4 Assignment Window

2005-02 : IP Assignments for Anycasting DNS

- Author: Andreas Baess

- Policy type: New

- For ccTLD and gTLD operators doing anycasting

- Assign
  - one /24 IPv4 prefix and/or
  - one /48 IPv6 prefix

- Status: Accepted

- http://www.ripe.net/ripe/policies/proposals/2005-02.html

2005-12 : 4-byte AS Number Policy

- Author: Geoff Huston

- Policy type: New

- 1 January 2007: RIRs start to process applications for 4-byte only ASNs

- 1 January 2009: RIRs start assigning 4-byte only ASNs
  - 2-byte only ASNs will be assigned if asked specifically

- 1 January 2010: RIRs start assigning ASNs from an undifferentiated 4- byte AS Number allocation pool

- Status: Accepted

- http://www.ripe.net/ripe/policies/proposals/2005-12.html

IPv6 proposals

2005-08 : Amend IPv6 Assignment and Utilisation Requirement

- Author: Kurtis Lindqvist & Geoff Huston

- Policy type: Modify (IPv6 Allocation and Assignment Policy)

- Change
  - the existing policy regarding LIR and ISP assignments to End Sites to allow the unit of assignment to be an LIR or ISP decision.
  - the definition of an End Site for the purposes of the calculation of ISP or LIR End Site allocation efficiency to a /56 size.
  - the IPv6 threshold End Site allocation utilisation level relating to assessment of utilisation of End Site allocation efficiency to that matching an HD Ratio value of 0.94.

- Status: Review Phase

- http://www.ripe.net/ripe/policies/proposals/2005-08.html

2006-01 : Provider Independent (PI) IPv6 Assigments for End Users

- Author: Jordi Palet Martinez

- Policy type: New

- Criteria:

  – become a RIPE NCC member or have a similar contractual relation with the RIPE NCC (to be defined by the board)

  – Assignment size = /32 minimum

  – Temporary assignment (maximum 3 years)

- Status: Discussion Phase

- http://www.ripe.net/ripe/policies/proposals/2006-01.html

2006-02 : IPv6 Address Allocation and Assignment Policy

- Author: Jordi Palet Martinez

- Policy type: Modification (on IPv6 criteria)

- Change

  - End Site Definition to:
    - An End Site is defined as an End User (subscriber) who has a business or legal (same or associated entities) relationship with a service provider that…

  - Initial allocation criteria to:
    - a) be an LIR
    - b) plan to provide IPv6 connectivity to other organisations or to its own/related departments/entities/sites to which it will assign /48s by advertising that connectivity through a single aggregated address allocation
      c) have a plan for making a reasonable number of /48 assignments within two years

  - Remove review of RIR/NIR for multiple /48 assignments to same End Site

- Status: Discussion Phase

- http://www.ripe.net/ripe/policies/proposals/2006-02.html

Where to go with IPv6

- Workinggroup needs to:
  - Look to other regions ?
  - Select direction
  - Alling proposal texts

- Major issues:
  - Initial criteria (200 users)
  - HD ratio
  - One size fits all

2006-04 : Contact e-mail Address Requirements

- Author: Jeffrey L. Scribner

- Policy type: Modify

- Change "Registration Requirements"

  ...Registration data (range, contact information, status etc.) must be correct at all times (i.e. they have to be maintained).

- To

  ...Registration data (range, contact information, status etc.) must be correct at all times (i.e. they have to be maintained). Every organisation controlling an IP address should provide at least one working contact e-mail address where notifications of abuse emanating from that IP address can be sent.

  All persons and organisations assigned an IP address should act to prevent abusive messages originating from that IP address.

- Status: Discussion Phase

- http://www.ripe.net/ripe/policies/proposals/2006-04.html

2006-05 : (IPv4) PI Assignment Size

- Author: Philip Chr. Laustsen Langelund

- Policy type: New

- Sets the minimum assignment size to a /24 when routing is a major issue for a multihoming End User.

- Status: Discussion Phase

- http://www.ripe.net/ripe/policies/proposals/2006-05.html

2006-06 : IPv4 Maximum Allocation Period

- Author: Axel Pawlik

- Policy type: New

- Suggesting the RIPE NCC to allocate enough address space to LIRs to meet their needs for a period of up to 12 months.

- Status: Discussion Phase

- http://www.ripe.net/ripe/policies/proposals/2006-06.html

2006-07 : Minimum IPv4 Assignment Window

- Author: Leo Vegoda

- Policy type: Modify

- Change minimum AW size from "0"

- To a /21

- Keep max sub-allocation size at /20

- Status: Discussion Phase

- http://www.ripe.net/ripe/policies/proposals/2006-07.html

All Proposals

- Current

  – http://www.ripe.net/ripe/policies/proposals/

- Archive

  – http://www.ripe.net/ripe/policies/proposals/archive/

D. Update on Global IANA/ICANN Policies

- The ASO AC has

- 2400::/12 APNIC
- 2600::/12 ARIN
- 2800::/12 LACNIC
- 2a00::/12 RIPE
- 2c00::/12 AFRINIC

E. Ongoing Policy Work in Other Regions

- Presentation in the Plenary
- Plus discussion time in the working group slot

Z. AOB