



RIPE Address Policy Working Group

Oct 7, 2009

RIPE 59, Lisbon

WG Chairs: Gert Döring, & Sander Steffann

please remember: this session is webcast

APWG overall Agenda

- A. administrative matters
- B. current policy topics in all regions, presentation
- C. rough edges of the current policies, presentation
- D. “routing issues” update
- E. document cosmetic surgeries project, presentation
- F. discussion of open policy proposals (2nd slot)
- G. IPv6 addressing issues in the military, presentation
- I., J. more discussion (Thursday)
- Z. AOB

APWG Agenda - Wednesday

- A. administrative matters
 - thanking the scribe
 - approving the minutes from RIPE 58 (Amsterdam)
 - agenda bashing
- B. current policy topics, Filiz Yilmaz
 - RIPE policy and PDP update
 - Worldwide Look by Topic
- C. rough edges of the current policies, Alex Le Heux
 - feedback from day-to-day NCC registration services work
 - bring up operational issues that the WG might not be aware

APWG Agenda - Wednesday (2)

- D. “routing issues” update
 - short summary from the chair
- E. Document Cosmetic Surgeries Project, Filiz Yilmaz
 - AS-Number assignment policy document
 - IPv6 for Exchange Points (IXPs) policy document
- *coffee break*
- F1. New Proposals since RIPE 58 (overview)
 - 2009-06, 2009-07, 2009-08
 - “fast-track” proposals - brought up after discussions at RIPE 58, good community support, already completed with consensus

APWG Agenda - Wednesday (3)

- F2. Discussion of open policy proposals
 - 2006-05 PI Assignment Size
 - 2008-07 Efficient Use of Historical IPv4 Resources
 - 2008-08 Initial Certification Policy for PA Space Holders (Nigel Titley, CA TF - update why we're stuck)
 - 2009-01 Global Policy for the allocation of IPv4 ... to RIRs
 - 2009-03 Run Out Fairly
- F3. Last /8 discussion
 - 2008-06 Use of Final /8
 - 2009-04 IPv4 Allocation and Assignments to Facilitate IPv6 Deployment
 - Legal Implications to the RIPE NCC (Nigel Titley)

APWG Agenda - Thursday

- G. IPv6 addressing outside traditional “Internet” deployments (Dr. Joerg Wellbrink, german ministry of defense)
- H. new policy proposal: “IPv4 temporary assignment pool” (Nick Hilliard)
- I. (resume “open policy proposals” discussion, if needed)
- J. open discussion how to tackle the issues brought up by RS
- Y. Open Policy Hour
- Z. AOB

Agenda Bashing

- do you want to see anything changed?
- is something missing?

Minutes from RIPE 58 (Amsterdam)

- have been circulated on the mailing list
- no comments so far
- more feedback? Any inaccuracies that need correcting?

B. current policy topics

- presentation by Filiz Yilmaz

C. rough edges of the current policies

- presentation by Alex le Heux
- Q&A session right here
- **not** discussing any solutions today(!)
- give it some thoughts, let's think about solutions tomorrow

D. “Routing Issues” update

- before RIPE 58, there was a policy proposal to enable LIRs to get multiple IPv6 /32 if they have “separate networks in unconnected geographical areas” (2009-05)
- reason for this was the impression that the IPv6 policy would not permit announcement of more-specific prefixes
- **no community support** to go ahead with this
- but: community support to remove the problematic sentence from the IPv6 policy - done, with 2009-06
- next step: the operator community needs to come up with a good routing recommendation document that can serve as an official reference on what behaviour is seen as “acceptable”
- **this is happening in the Routing WG (Thu, 9:00 a.m.)**



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F1. New Proposals since RIPE 58

- all *new* proposals since RIPE 58 have already concluded :-)
- so what we have on our plate today is long-term stuff...

Let's enter the discussions

- No decisions are made here(!). This is to get feedback to the proposers and to get a feel for the Working Group's opinions.
- Consensus based process based on the *open* mailing list.
- please remember to speak into the microphone
- please speak your name, so the scribes can properly attribute what you said
- the session is webcast, so people that couldn't come to Lisbon can still be participate
- remote feedback can be provided by Jabber

PI Assignment Size (2006-05)

- **“The minimum assignment size for Provider Independent (PI) address space is a /24 when routing is a major issue for the End User.** In such cases PI address space is assigned to End Users who are currently multihomed with PA address space or demonstrate a plan to multihome. Where justified, the RIPE NCC will assign more address space, ensuring no single prefix is longer than /24.
- Where routing is not an issue for the End User, PI address space is assigned based on the demonstrated need.”
- **no consensus so far**, but topic still important
- proposer no longer interested, any volunteer to take this?
- if not: we'll remove it from the PDP

Ensuring Efficient Use of Historical IPv4 Resources

- 2008-07, version 3.0
- Philip Smith
- 5.1 First Allocation When requesting an initial allocation, a new member will also be asked about the utilisation and documentation of all address resources they hold, including pre-RIR registrations.
- 5.3 Additional Allocations When requesting an additional allocation, an LIR will be asked about the utilisation and documentation of all address resources they hold, not just those they have received from the RIPE NCC (this includes pre-RIR registrations).
- some support, some indecision, no clear picture
- stuck in WG chairs decision queue :-)

Initial Certification Policy for PA Holders

- 2008-08
- Nigel Titley, CA TF - short update on why this is stuck

Global Policy for ... IPv4 blocks to RIRs

- 2009-01
- Axel Pawlik, representing the 5-RIR design team

Run Out Fairly - 2009-03

- Daniel Karrenberg et al
 - This is a proposal to gradually reduce the allocation and assignment periods in step with the expected life time of the IPv4 unallocated pool in order to address the perception of unfairness once the pool has run out.
 - the time period used for estimating the amount of space allocated to LIRs, or assigned to end users, gets gradually reduced from 12 months to 9 months to 6 months to 3 months
- fairly well-accepted so far
- some doubts about the timelines

Run Out Fairly - The Details

- As of 1 July 2010, the RIPE NCC will start allocating enough address space to LIRs to meet their needs for a period of up to nine months.
- As of 1 January 2011, the RIPE NCC will start allocating ... to LIRs to meet their needs for a period of up to six months.
- As of 1 July 2011, the RIPE NCC will start allocating ... to LIRs to meet their needs for a period of up to three months.
- analogous changes for assignments to end users
- wording adaptations regarding utilization requirements

Last /8 Discussion

- 2008-06 Use of Final /8 (Philip Smith)
- 2009-04 IPv4 Allocation and Assignments to Facilitate IPv6 Deployment (Alain Bidron)
- Legal Aspects
- discussion

Thanks!

- thanks for your input
- thanks for your help in forming policies in the RIPE region
- ...enjoy your lunch!
- ...and we hope to see you back tomorrow, 14:00