PP - 2014-12
Allow IPv6 Transfers

Presenter :

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Policy proposal info

- Author – Erik Bais

- Current status : Open for Discussion

- Phase end : 28 November 2014

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2014 – 12 Policy proposal

- In short : Through the PDP process, allow IPv6 space to be transferred, just like IPv4 (PI & PA) in order to be able to maintain an updated registry.

- The current implementation doesn't allow IPv6 space to be transferred.

Why this proposal ?

- Members have to return their (in-use ?) IPv6 allocation if they want to merge LIR's ..

  - If a company would like to consolidate LIR's after a M&A, relocate their IP administration from entity A to Entity B, they would fall into the policy gap.

  - As there is no infrastructure sold, it is not an M&A. Consolidation is not a transfer, but treated as such.

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Why this proposal ?

- When you ask the RIPE NCC to merge LIR's, you get asked:

- Company A will take over the LIR Account and IPv4 Allocations of Company A (no acquisition between the companies)

  - This is the case in most of the consolidation cases.

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The current issue

- So if a company with more than 1 LIR wants to close one of the LIR's via a merger, they are forced to hand back the IPv6 PA allocation from the closing LIR.

- Even if they have deployed IPv6, because it is not seen as a merger, it is treated as a transfer..

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What is the goal of the company

- The goal is to reduce LIR's and list all number resources under 1 LIR.

  – Move to a 1 Entity, 1 LIR, 1 Administration point situation.

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Why does the RIPE NCC work like this ?

- There is an operational procedure for M&A's which clearly states that infrastructure needs to be involved to be applicable as a M&A.

- Solution for IPv4 : tag the change as a transfer.

- Issue: There is no policy to transfer for IPv6, so you need to hand it back to the RIPE NCC.

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What might be the result ?

- Some companies might get the funny idea to request their upstream to transfer their /48 to them.   -=> De-Aggregation

- Not doing transfers, doesn't stop Upstreams to not de-aggregate their announcements either, so impact to current practise, probably low.

What might be the result ?

- Companies can consolidate their LIR's within a corporate structure, without the requirement to re-do their already implemented IPv6 implementation …

The goal of this proposal is:

- To get IPv6 and IPv4 space on the same track and allow them both to be transferred.

- Don't make things more complicated than required.

- Avoid ways to work the system or policies that don't benefit registry accuracy.

What do you think ?

- In order to get your feedback on the topic :

- Send your comments to <ap-wg@ripe.net WG> before 28 November 2014.

- This could be as simple as :
    - I support the policy.

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Questions?

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