Resource Transfers in the RIPE NCC Service Region

Marco Schmidt
Policy Development Officer

- **Arguments supporting transfers**

    - Correct registration is the most important goal

    - Transfers will happen anyway — better to make them official

    - Allows resources to go to organisations that need them

- **Arguments supporting transfers**

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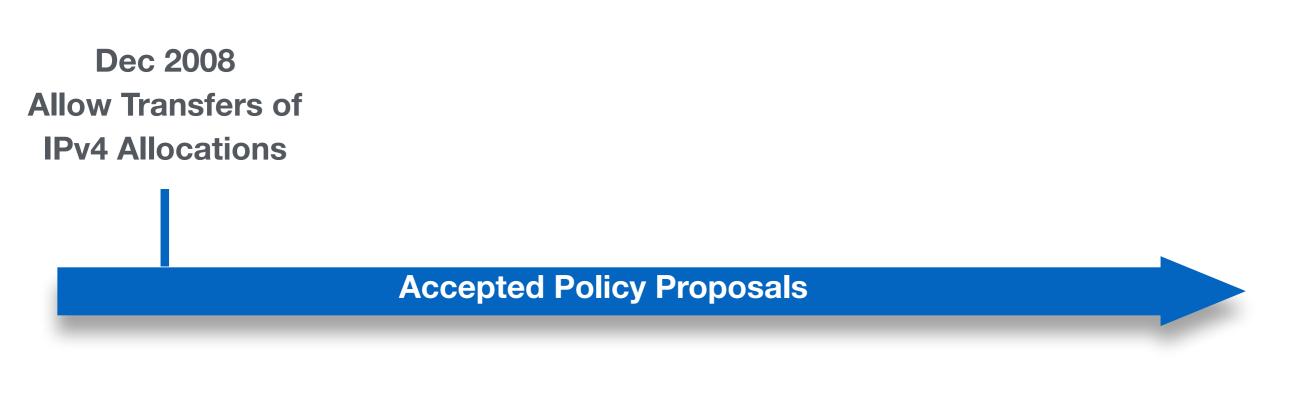 - Allows resources to go to organisations that need them
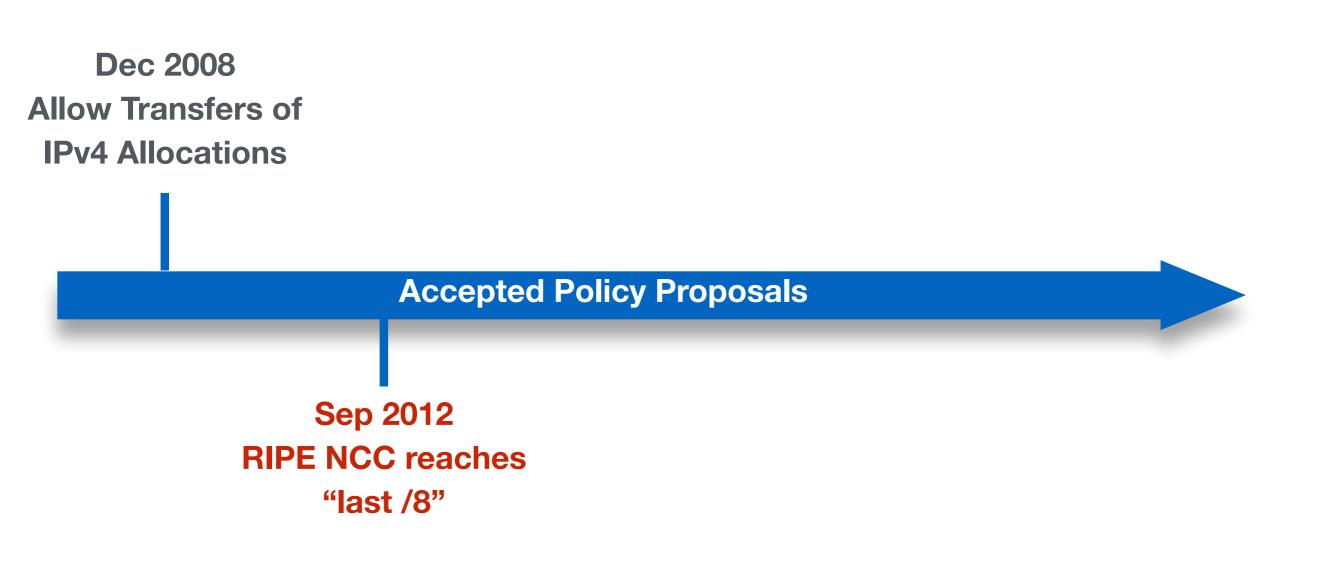
- **Arguments opposing transfers**

  - Internet resources are public goods

  - Unused resources should be returned to the RIPE NCC and redistributed

  - Counter-argument: It's very difficult to identify "unused"

Dec 2008
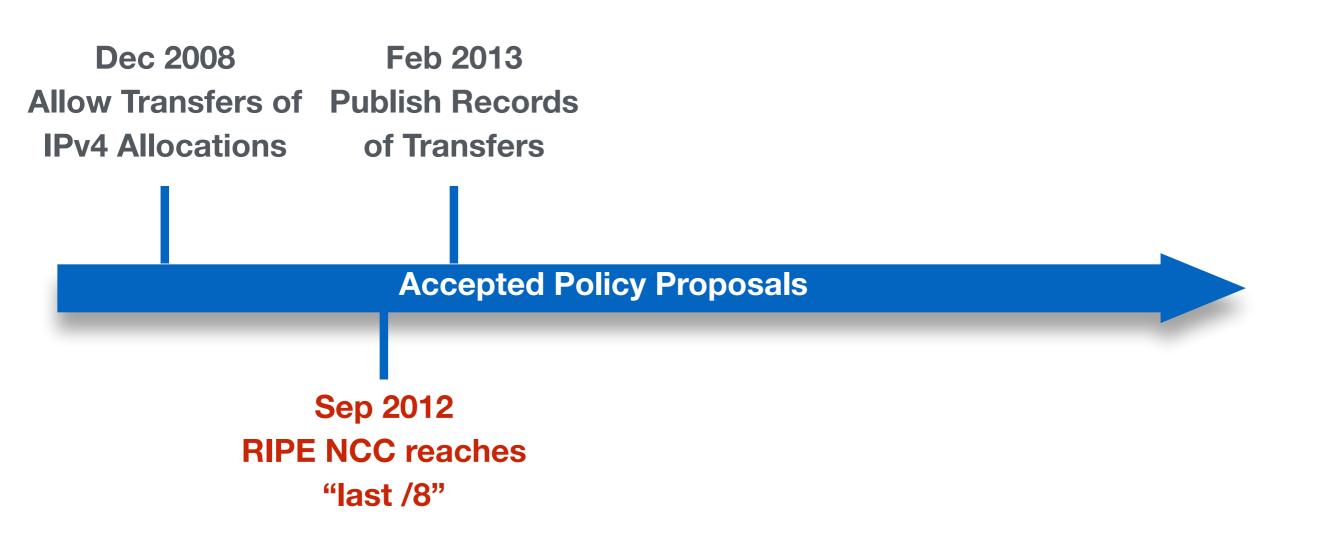**Allow Transfers of**
IPv4 Allocations

Accepted Policy Proposals

RIPE
NCC

Dec 2008

Allow Transfers of

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Sep 2012

RIPE NCC reaches

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RIPE
NCC

RIPE Transfer Policy Development

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Publish Records
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Mar 2015
Allow Transfers of
IPv6 & AS Numbers

RIPE NCC

RIPE Transfer Policy Development

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April 2015
Allow
Inter-RIR Transfers

Accepted Policy Proposals

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Feb 2014
Reduce Need
Assessment

Mar 2015
Allow Transfers of
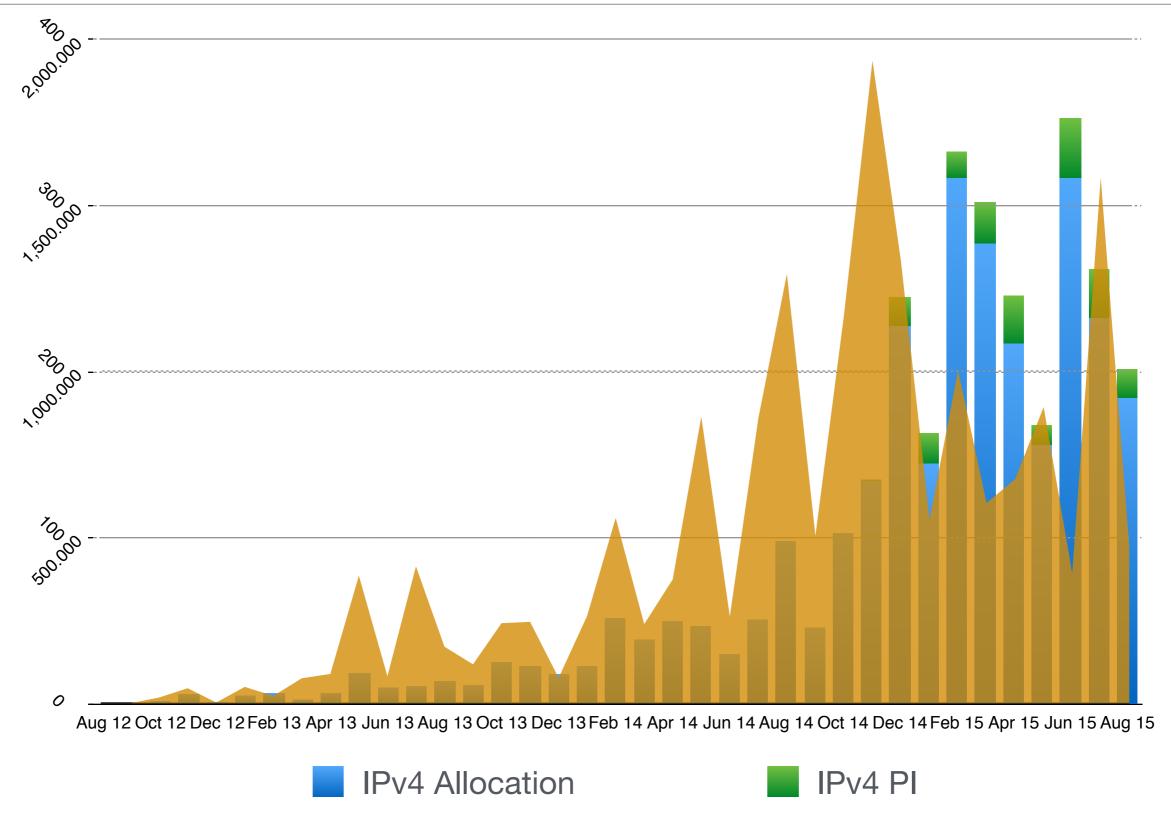IPv6 & AS Numbers

RIPE
NCC

RIPE NCC IPv4 Transfers

IPv4 Allocation   IPv4 PI

Policy Situation per RIR

- **ARIN**
  - IPv4 transfers (intra-RIR and inter-RIR), need assessment
  - ASN transfers (intra-RIR)

- **APNIC**
  - IPv4 transfers (intra-RIR and inter-RIR), need assessment for intra- and incoming transfers
  - ASN transfers (intra-RIR and inter-RIR)

- **RIPE NCC**
  - IPv4, IPv6 & ASN transfers (intra-RIR and inter-RIR), need confirmation

- **AFRINIC & LACNIC**
  - None

Comparative Transfer Statistics

	IPv4 Intra-RIR	IPv4 Inter-RIR	ASN (all Intra-RIR)	IPv6
ARIN *Since October 2009	308 / ~33.4 million IPs	172 / ~4.5 million IPs *Since Oct 2012	20 *Since Aug 2012	N/A
APNIC *Since November 2010	914 / ~9.7 million IPs	172 / ~4.5 million IPs	38 *Since June 2014	N/A
RIPE NCC *Since October 2012	3,109 / ~17.9 million IPs	0	24 *Since Jul 2015	17 *Since Jul 2015

RIPE NCC

Useful Information

- https://www.arin.net/knowledge/statistics/transfers.html

- https://www.apnic.net/services/become-a-member/manage-your-membership/transfer-resources/transfer-logs

- https://www.ripe.net/manage-ips-and-asns/resource-transfers-and-mergers/transfers

Contact Me

- pdo@ripe.net

- @PDO_RIPE_NCC