

IPv4 Policies

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ESNOG 10
13 November, Madrid



Overview

- What Goes On
- Statistics and Special Cases
- Proposed Policy Changes

What Goes On

- 14 September 2012
- RIPE NCC allocates from the last /8

Documentation To Know

- [ripe-553](#), “IPv4 Address Allocation and Assignment Policies for the RIPE NCC Service Region”
- Section [5.6](#) “Use of last /8 for PA Allocations”

The Policy

- One and one only /22 allocation per LIR
- LIR must hold IPv6 address space
- Eligibility as per the ripe-553

The Policy

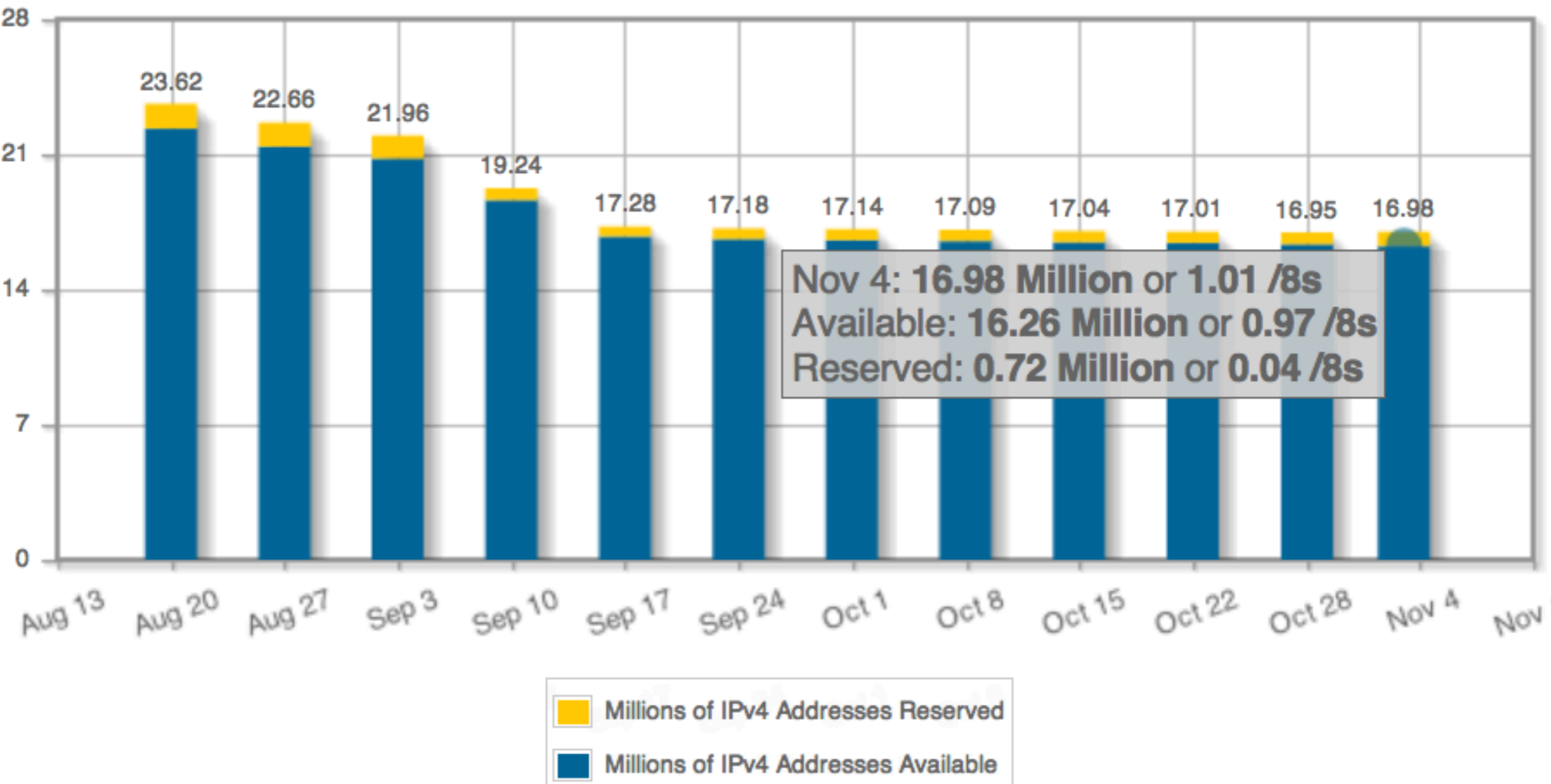
- PI assignments only to IXPs
- /16 reserved
- /24 initial prefix, return IPv4 space if larger
- IXP must hold IPv6 address space

The Policy

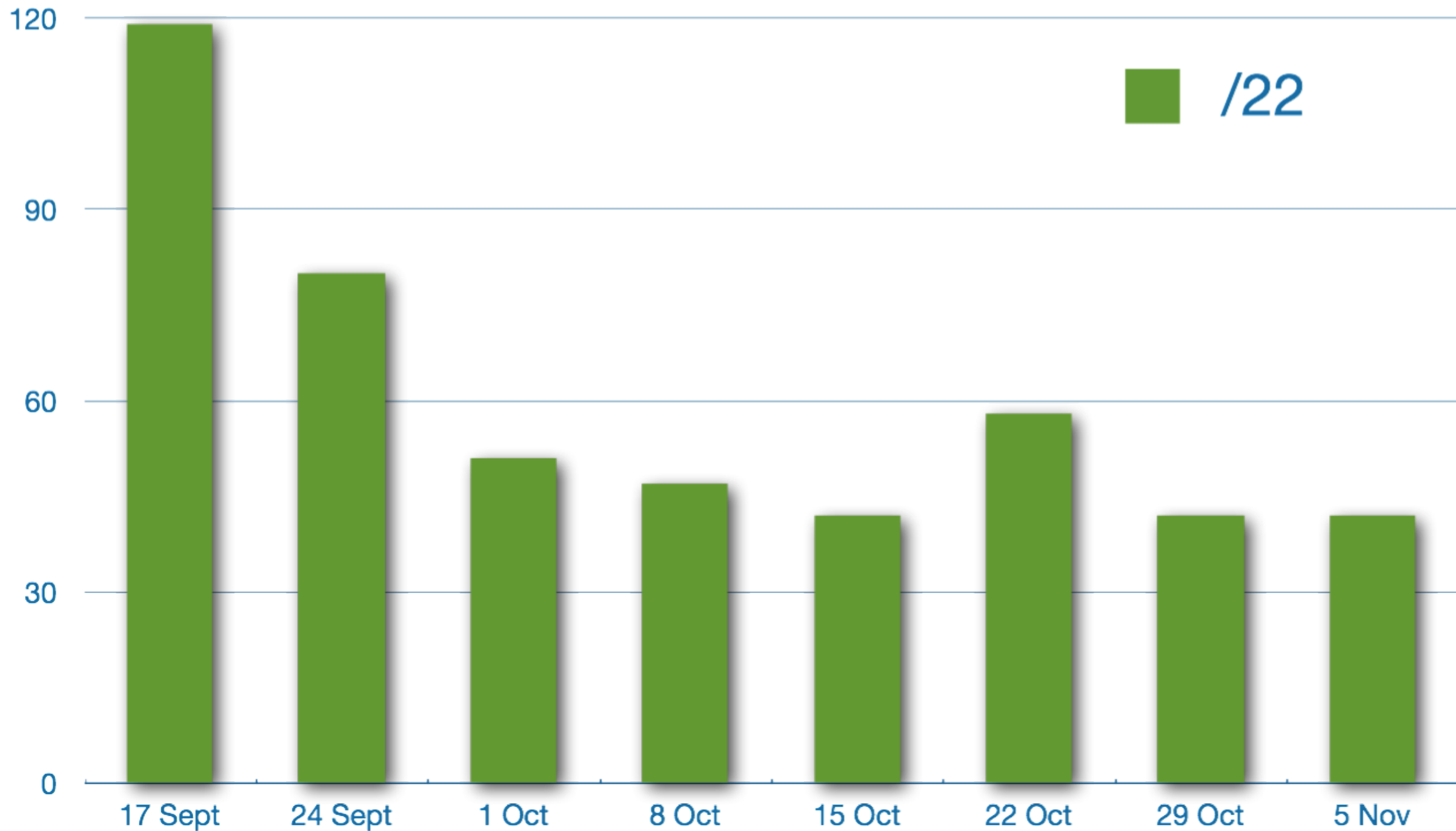
- /16 Reserved for unforeseen circumstances
- Returned space is ruled by 5.6

Statistic and Special Cases

RIPE NCC IPv4 Pool



Statistic and Special Cases



Special Cases?

- None

Proposed Policy: Address Policy WG

Co-chairs



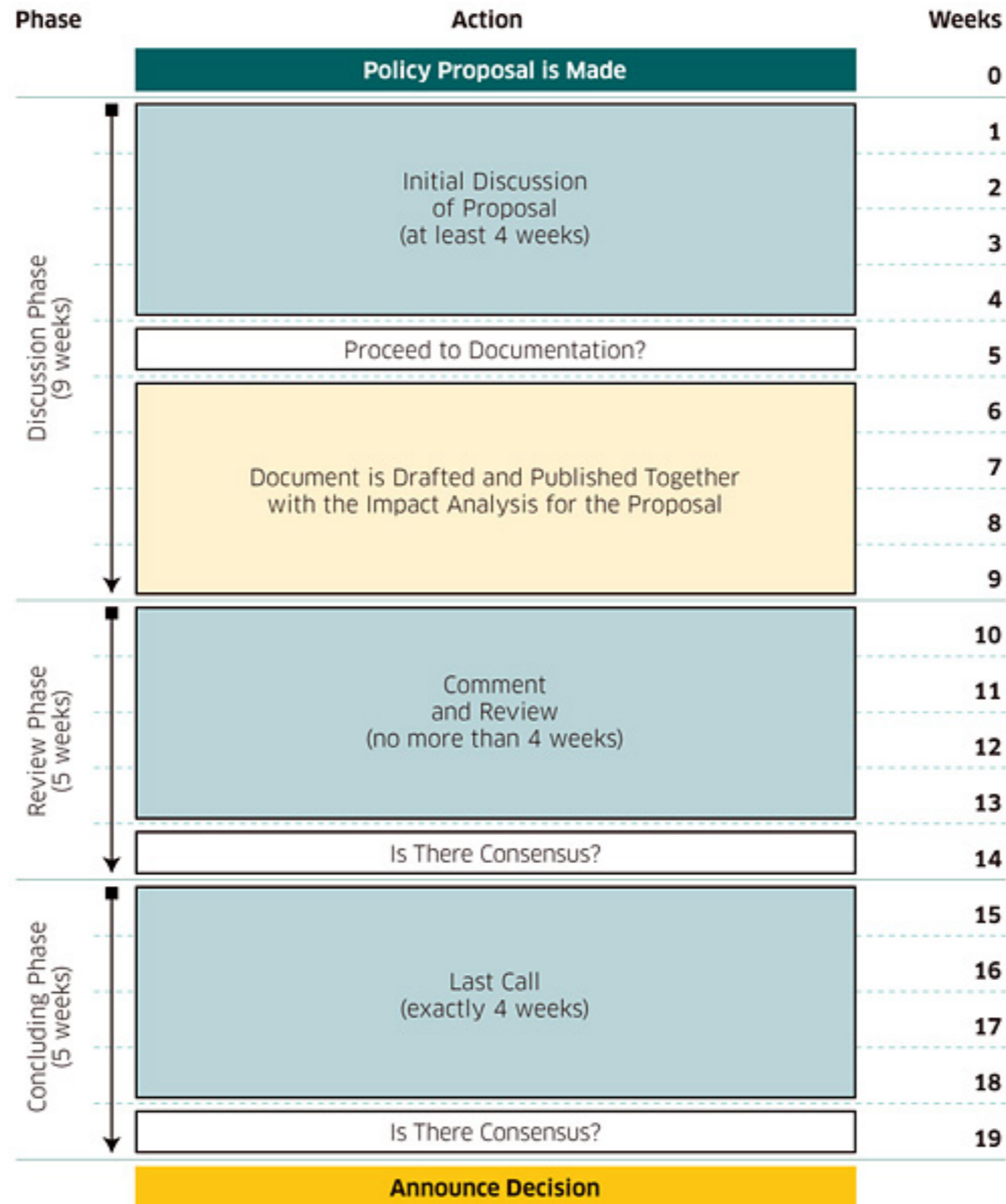
Sander Steffann



Gert Doering

- <http://www.ripe.net/ripe/mail/archives/address-policy-wg/>
- <http://www.ripe.net/address-policy-wg/>
- <http://ripe.net/pdp/proposals>

Policy Development Process (PDP)



Proposed Policy Changes

- 5 out of 7 proposals on IPv4
- PI assignment and Transfers

2012-04: Provider Independent Assignments

- PI Assignments from the last /8
 - Under re-writing

2012-02 & 2012-03: Inter-RIR and local

- “Policy for Inter-RIR Transfers of IPv4 Address Space”
- “Intra-RIR transfer policy proposal”
 - both to start Review Phase

2012-05: Transparency in Transfers

- “Transparency in Address Block Transfers”
 - ended Review Phase

2012-06: Pre-run out allocation period

- “Revert ‘Run Out Fairly’”
 - Review Phase until 27 November

IPv4 Maintenance Policy

- IPv4 Maintenance Policy, by Rob Blokzijl
 - <http://www.ripe.net/ripe/mail/archives/address-policy-wg/2012-April/006831.html>

RIPE PDO: References

- Policy Development Process (PDP) document
 - <http://ripe.net/ripe/docs/pdp.html>
- Current Policy Proposal
 - <http://ripe.net/pdp/proposals>
- Address Policy WG email address
 - address-policy-wg@ripe.net

RIPE PDO

- Contacts
 - pdo@ripe.net
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Questions?

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