

# RIPE NCC Status Update

---

Marco Hogewoning  
External Relations Officer - Technical Advisor

13th Saudi Arabian IPv6 Task Force Meeting  
May 8th 2013, Riyadh (SA)



# Agenda

---

- Statistics
- Policy Update
- Upcoming meetings
- News

# Statistics

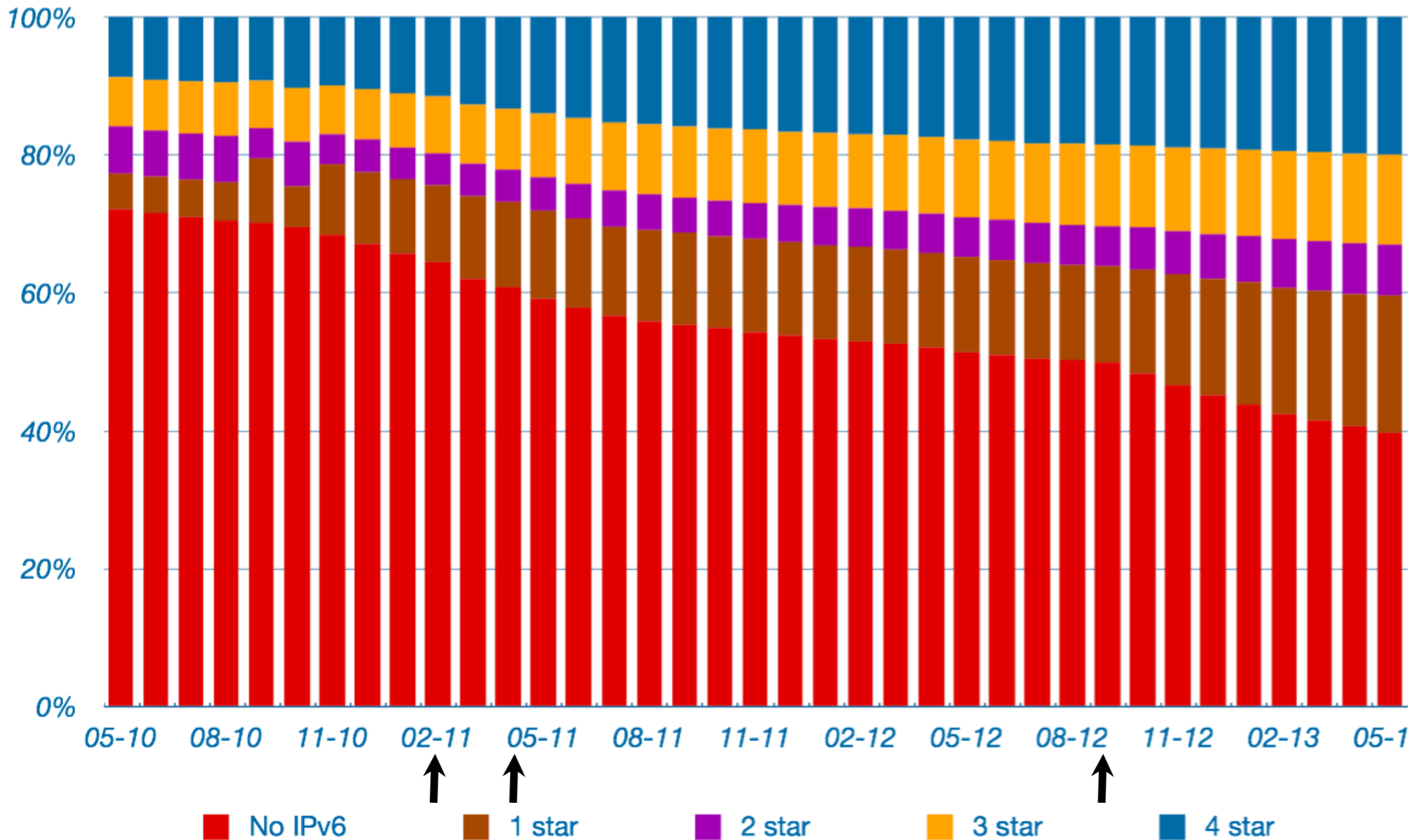
---

# RIPEness

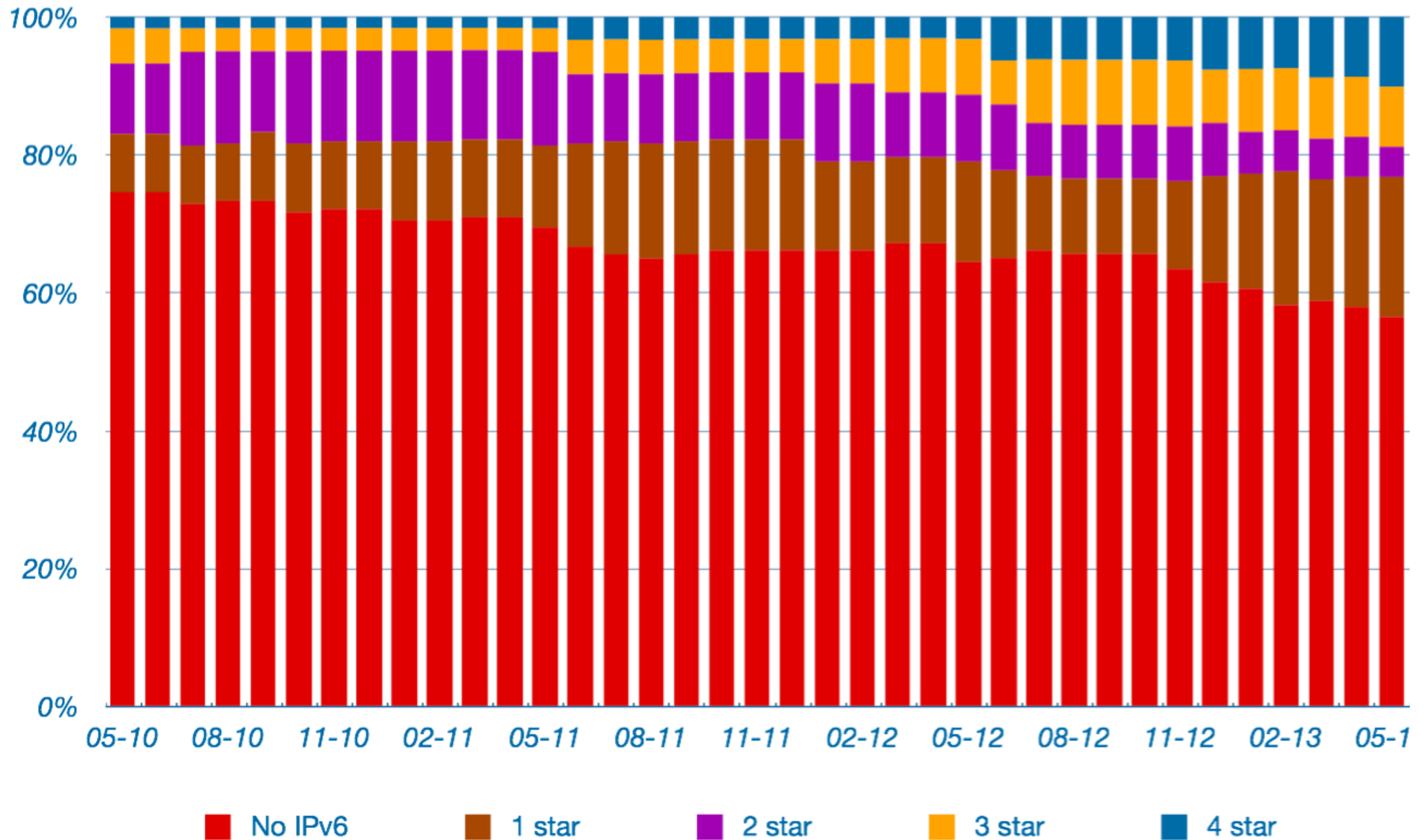
---

- Measures IPv6 deployment amongst members
  - First star: when you have IPv6 addresses
  - Additional stars for Routing, Reverse DNS and a Route6 object
  - Daily statistics via <http://ripeness.ripe.net>
- Important dates:
  - February 2011: IANA runs out
  - April 2011: APNIC runs out
  - September 2012: RIPE NCC runs out

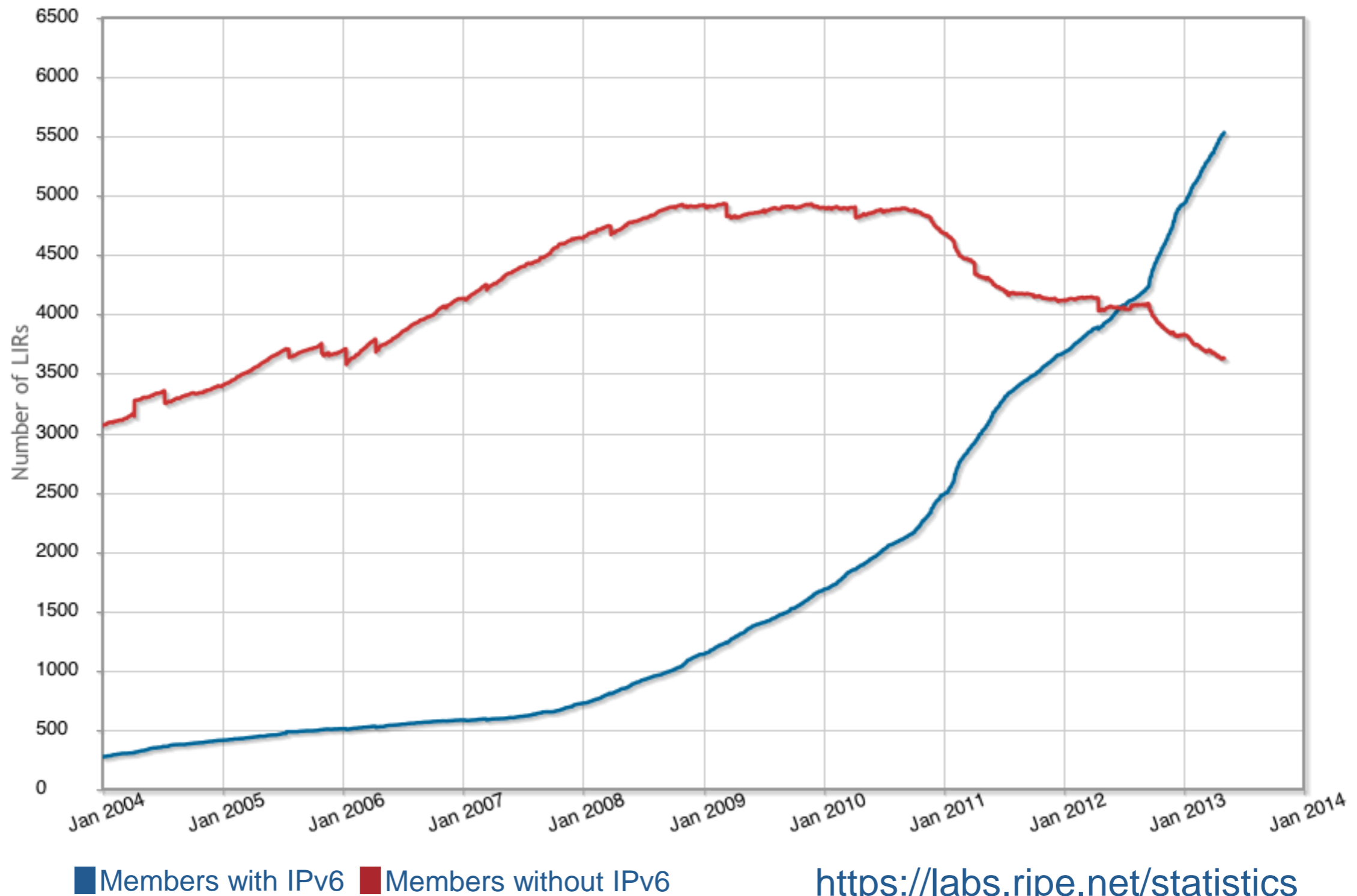
# RIPE NCC Service Region over time



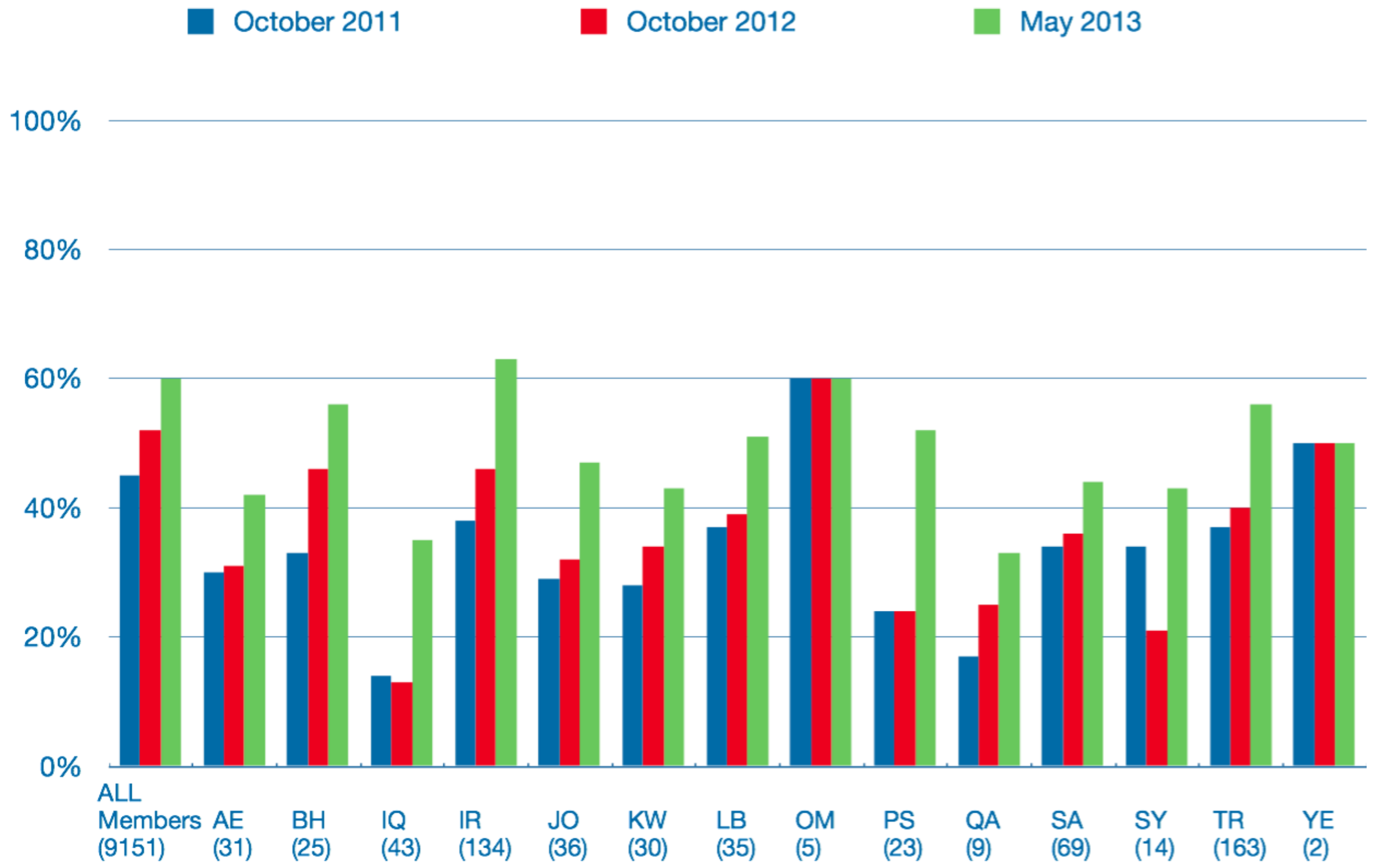
# Saudi Arabia Over Time



# Members With and Without IPv6



# Members Holding IPv6 Resources



(number of members), source IPv6 RIPEness

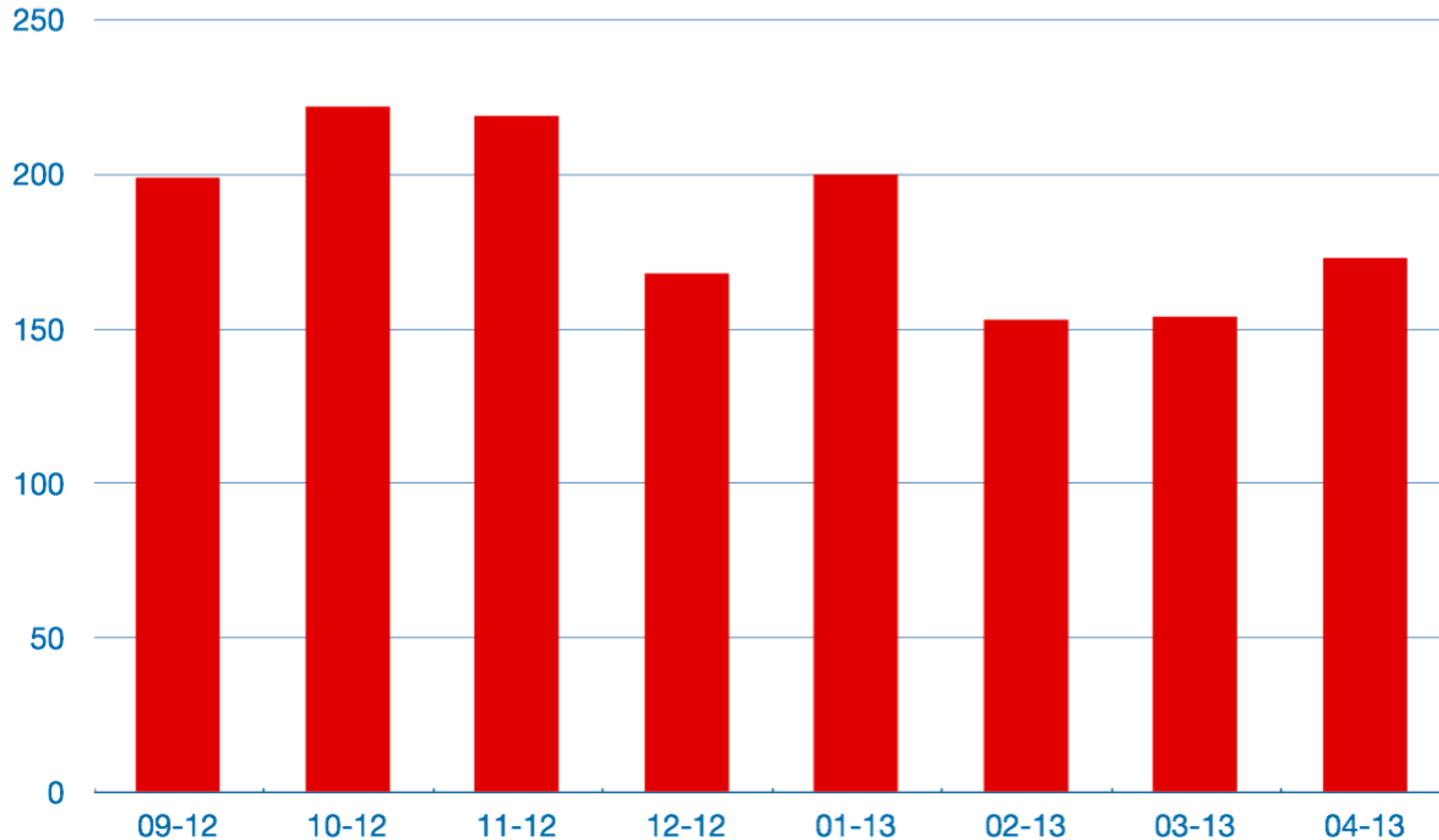


# Final /8 Policy

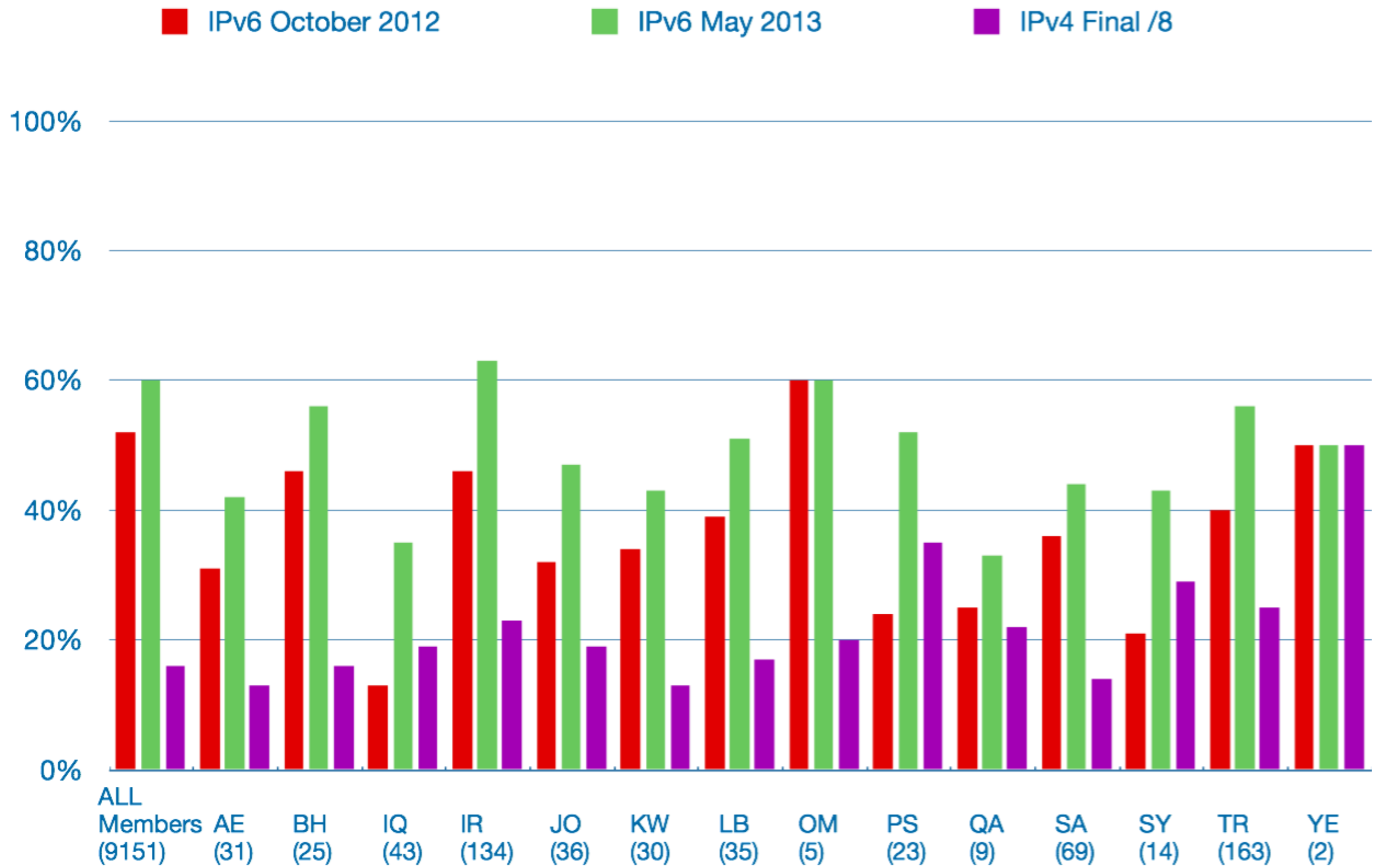
---

- Both new and existing members can get one last IPv4 allocation of 1024 addresses (/22)
  - If they have a demonstrated need
    - If they hold an IPv6 allocation
- Policy became active September 2012

# Allocations from Final /8

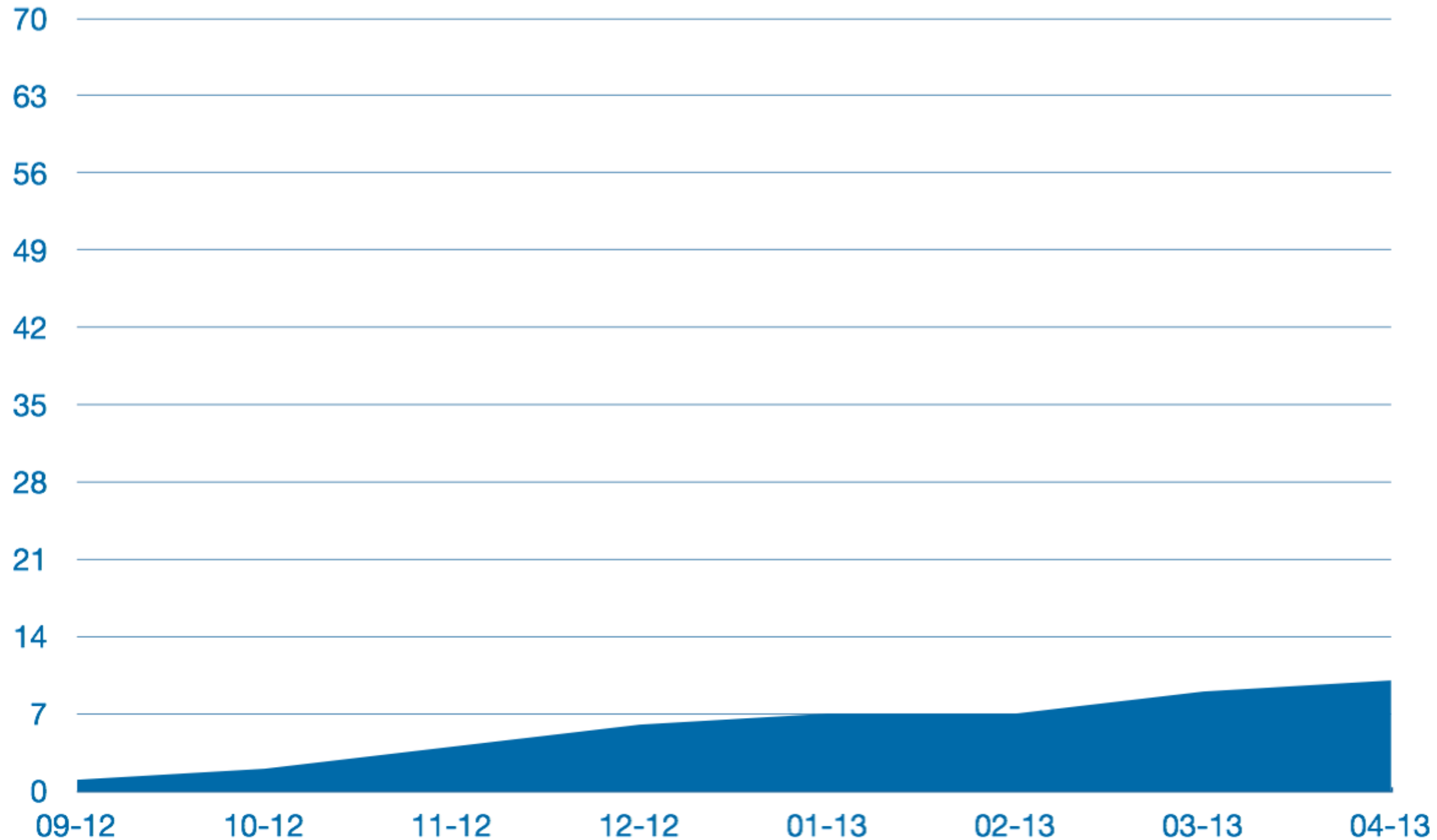


# IPv6 Allocations vs IPv4 Final /8



(number of members)

# Final /8 Allocations in Saudi Arabia



# Policy Proposals

---

# Proposals Being Discussed (1)

---

- IPv6
  - /29 per allocation instead of per member
- IPv4
  - Inter-RIR Address Transfers
  - Services to legacy space holders
  - Removal of RPKI requirement on transferred addresses
  - Removal of needs based requirement

# Proposals Being Discussed (1)

---

- Generic
  - Publication of sponsoring LIR for Provider Independent resources

# Inter-RIR Transfer Proposal (1)

---

- IPv4 addresses can be transferred from one RIPE NCC Member to another:
  - Provided the IP addresses are not in use
  - Provided the receiving party can demonstrate need
  - Minimum block size /22
- Intends to allow for transfers in between RIR regions:
  - If the other region has a similar policy
  - ARIN and APNIC already have a policy approved



# Inter-RIR Transfer Proposal (2)

---

- Discussion going on since March 2012
- Initial proposal withdrawn and replaced by improved version in April 2012
- Several updates based on feedback and discussion at meetings and mailing list
- “Waiting for Working Group Chair”
  - Updated text will be up for discussion
- Not much support on mailing list

# Removal of Needs-based Requirement

---

- Remove conservation as a goal of the policy
- No longer require “demonstrated need” for IPv4
- Final /8 policy remains in effect:
  - One /22 per member
- “Reduce bureaucracy”
- Possible interaction with Inter-RIR Transfers
  - Policies might no longer be compatible

# Participate in the Discussions

---

- Join the Address Policy Mailing List
  - <http://www.ripe.net/mailman/listinfo/address-policy-wg/>
- (Remotely) participate in RIPE 66 Meeting
- Work together with all stakeholders to reach consensus on these important topics

# Upcoming Meetings

---

# RIPE 66 Meeting

---

- 13 - 17 May, Dublin
- 486 participants already registered
- All sessions will be webcasted
  - Remote feedback available via chat
  
- RIPE NCC General Meeting (members only)
  - Remote participation available
  - Electronic voting
  - Deadline for registration: 14 May 2013

# MENOG

---

- Last meeting in Dubai, March 2013
- Next meeting in Kuwait, September 2013
- Workshops and conference
- Great way to meet other operators

# RIPE NCC Survey 2013

---

- Your opportunity to give feedback directly to the RIPE NCC
- Help improve our services and shape our strategy in the region
- Survey will be launched 17 May
- Email [survey2013@ripe.net](mailto:survey2013@ripe.net) and we will send you an invitation to participate

# Questions?





# Other News

---

# RIPEness Fifth Star

- Sneak preview at last Task Force meeting
- Will be announced at RIPE 66
- Internal prototype (still being tested):

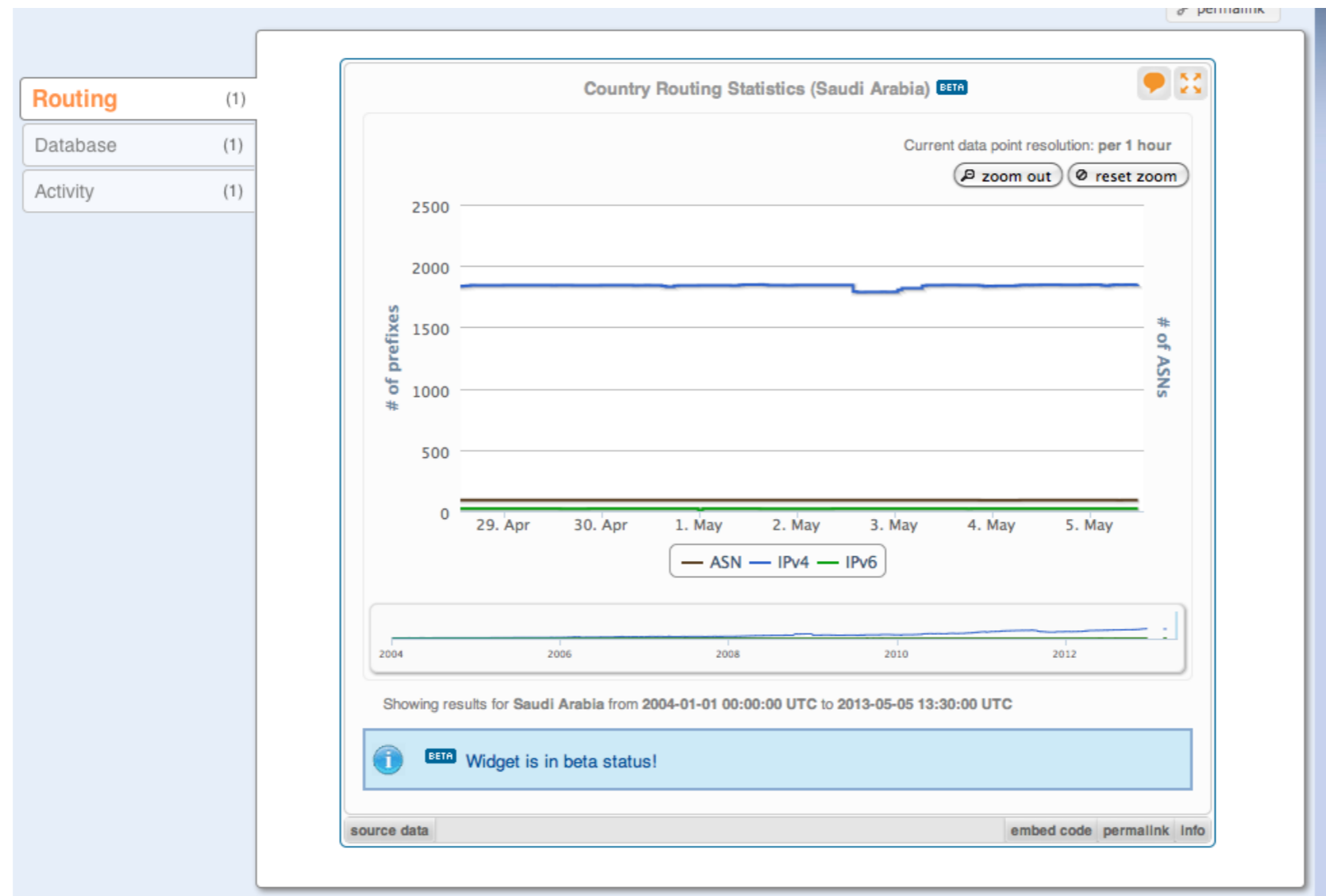
All LIRs offering services in Saudi Arabia

Access (last month)	Access (last 6 months)	Content	LIR	
		13.1 %	<a href="#">Bayanat Al-Oula For Network Services</a>	
100.0 %	100.0 %		<a href="#">BeeVPN ApS</a>	<Registry based in EU>
		100.0 %	<a href="#">Cirrax GmbH</a>	<Registry based in CH>
20.0 %	82.7 %	3.1 %	<a href="#">King Abdul Aziz City for Science and Technology</a>	
50.0 %	25.0 %	3.6 %	<a href="#">Linode, LLC</a>	<Registry based in EU>
		4.0 %	<a href="#">NetArt Group s.r.o.</a>	<Registry based in CZ>
	25.0 %		<a href="#">Nour Communication Co.Ltd - Nournet</a>	
33.3 %	10.0 %		<a href="#">OPTICNET - SERV S.R.L.</a>	<Registry based in RO>
		4.3 %	<a href="#">Sean McRobbie PE</a>	<Registry based in UK>

- 100% due to small sample size (one sample)
- Country based on LIR input
- Feedback welcome!

# Statistics per Country

- RIPE Stat now also accepts country as input
  - <http://stat.ripe.net/SA>



# Statistics per Country (2)

The screenshot displays the RIPE NCC Country Resource List (SA) interface. The main content area shows a list of IPv6 address ranges for Saudi Arabia, sorted by date. The date is set to 2013-05-04. The interface includes a search bar, a 'Show 10 entries' dropdown, and a 'Date' field. The list of entries is as follows:

IPv6 Address Range
2001:1490::/32
2001:16a0::/29
2001:67c:1198::/47
2001:67c:12e4::/48
2001:67c:130::/48
2001:67c:2164::/48
2001:67c:2624::/48
2001:67c:2994::/48
2001:67c:3e8::/47
2a00:1560::/32

Showing 1 to 10 of 38 entries

Showing results as of 2013-05-04 00:00:00 UTC

source data embed code permalink info

# Questions?

