

RIPE NCC: The Future

LINUX79 EGM

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Last 20 years

- Set up in 1992 as a membership organisation for ISPs in the service region
- Always been more than just a registry
- The RIPE NCC continues to adapt to the industry landscape
- Evolving to meet the needs of our members and the community

More than just a registry (1)

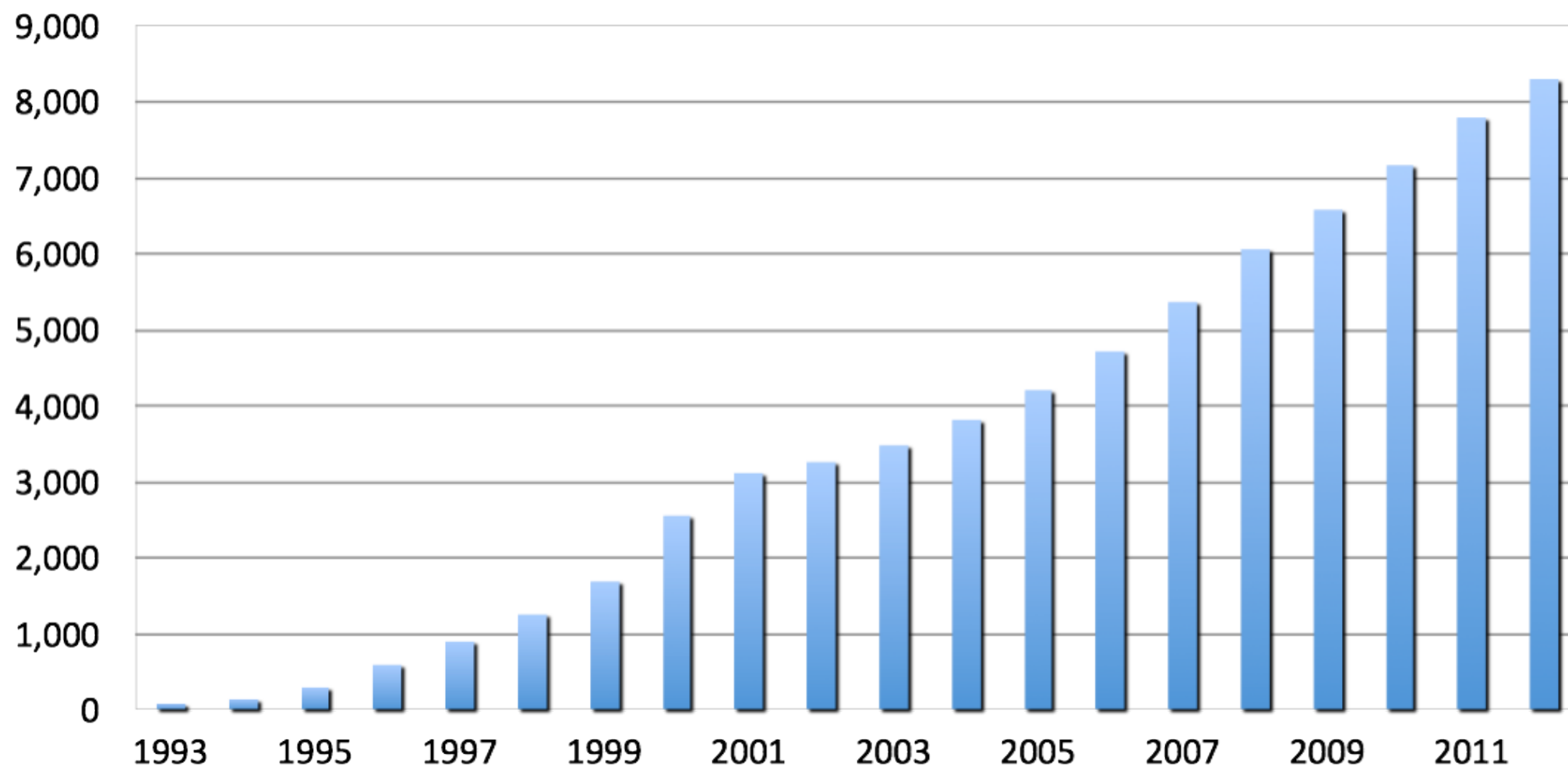
- RIPE NCC is a Network Coordination Centre
- Organising community activities that require a neutral and impartial approach
- RIPE Meetings
 - Policy development: policies that kept IPv4 distribution alive for more than 20 years

More than just a registry (2)

- Serving our members
- Serving the global Internet community
 - K-root
 - DNS services
 - ENUM
 - Measurements

Where we are today: Membership

- November 2012 - 8,500 Members
 - more than 160 new members since IPv4 run out!



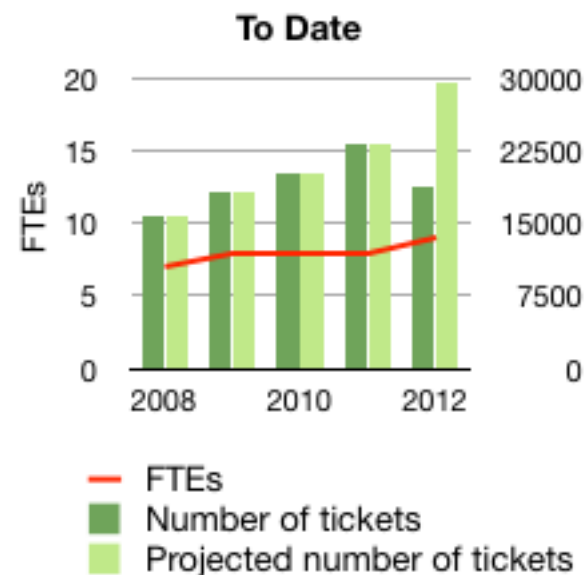
The Evolving Membership Base

- 20 years ago our 100 members were very hands on and in touch with policy developments
- Today our 8,500 members are made up of a range of new players
- Some are less in touch with policy developments and thus our training and outreach efforts are more important than ever

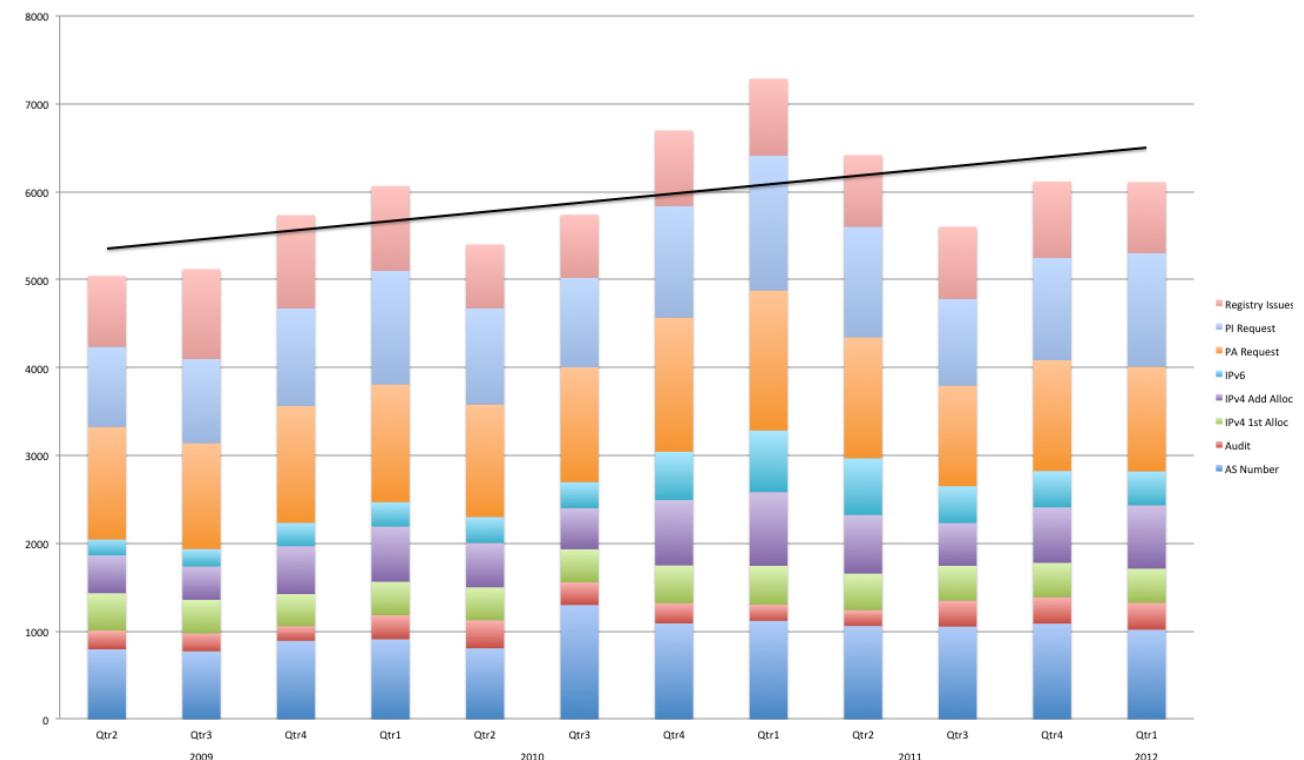
Where we are today: The Registry

- Increasing ticket-load in Customer Services and Registration Services
 - Customer Services: approaching 30,000 per year
 - Registration Services: still above 6,000 per quarter

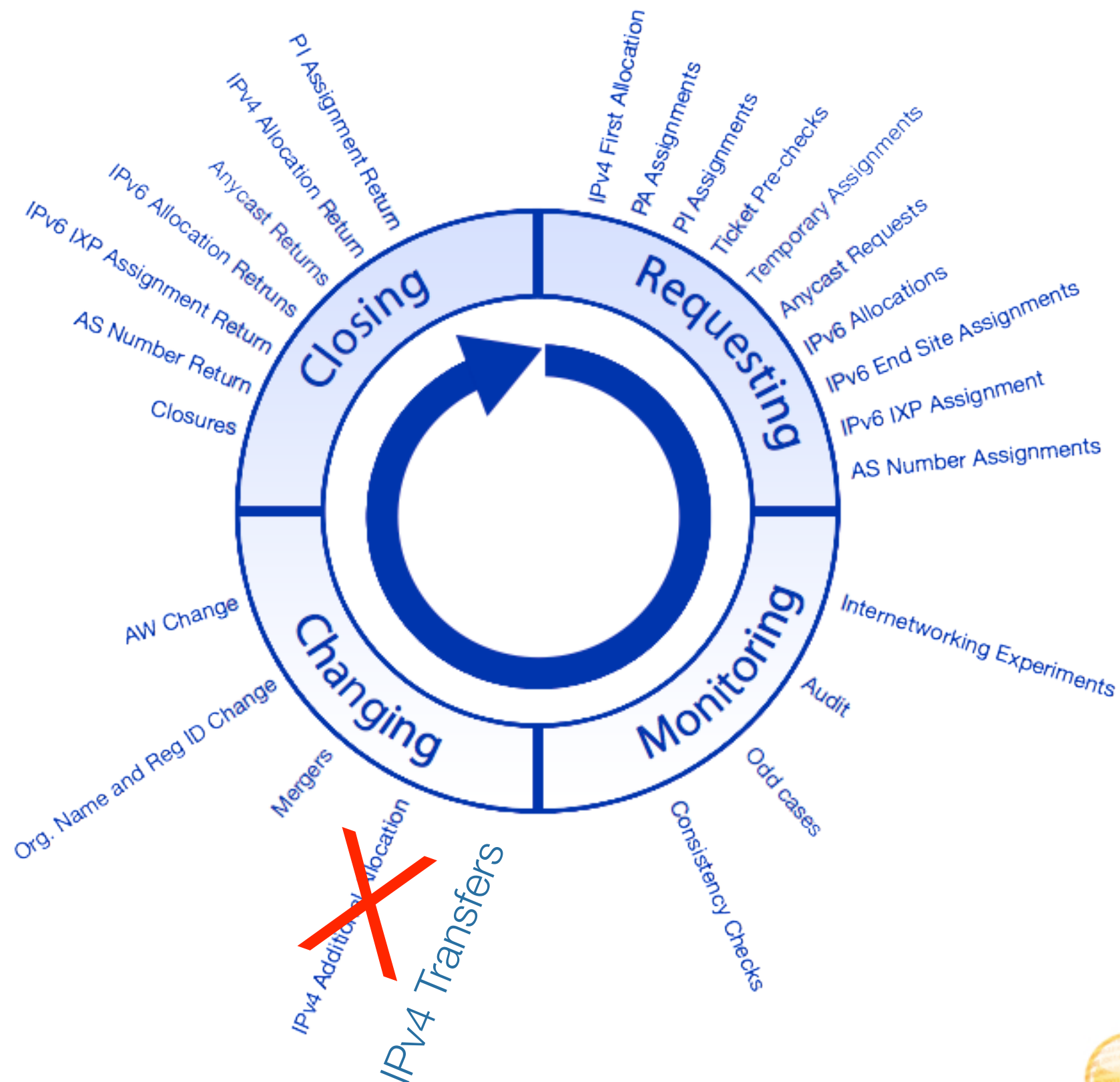
CS tickets



RS tickets



Where we are today: The Registry



The future: The Registry

- Key objective is to keep the RIPE Registry complete, correct and current
- Overall workload is expected to rise
 - Resource requests (still another 16,000 /22 IPv4 requests to come; IPv6 requests; ASNs)
 - IPv4 Transfer requests are expected to increase
 - Finalise 2007-01 (16,000 PI prefixes awaiting action)
 - Strong registry: maintaining registry quality by carrying out accuracy checks every 3rd year (3,000+ per year)
 - Audits on reported Policy violations

Continue Creating Value For Members

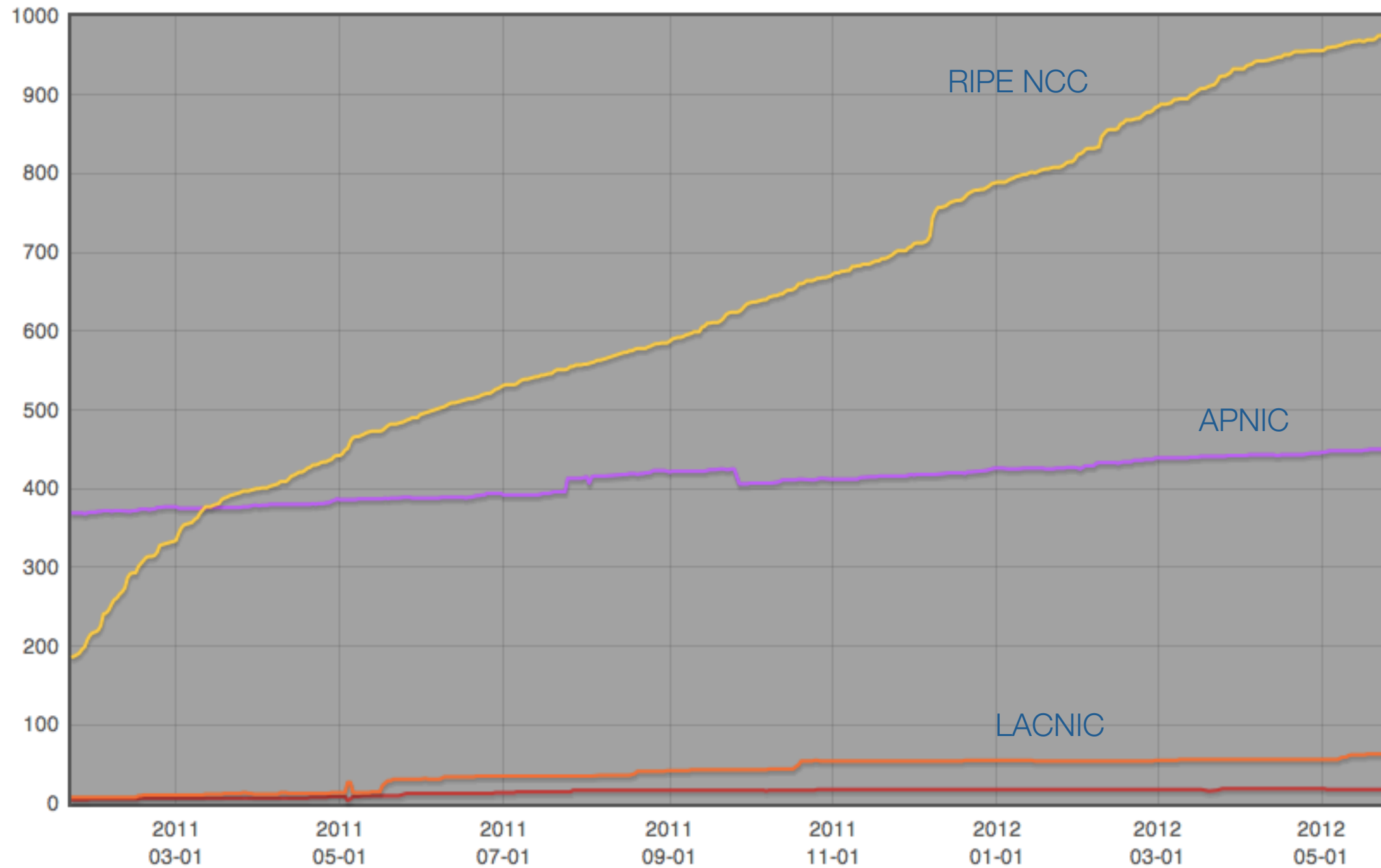
- Our mission: Providing tools and services that help our members with their operations
- Examples:
 - IP address management (e.g. IP Analyser)
 - Tools for data processing and workflows
 - Tools for data analysis
 - RESTful API for RIPE DB: >500,000 queries per day
 - Training and education
 - Listing service

RPKI Certification

- Focus on member concerns
 - Validator improvements (local autonomy concern)
 - Resiliency and security improvements
 - External monitoring infrastructure (audits/ trust concerns)
- Operational improvements
- Continue in standards development

RPKI Certification (2)

1,177 LIRs with certificates



The future: Membership Fees

- The RIPE NCC is a not-for-profit association
- Fees are set to cover expenses
- After two years of discussion we now have a new fee schedule
 - “*one member - one fee*”
- When membership numbers fluctuate, the Executive Board will adjust fees accordingly
- Ultimately, the General Meeting will vote on the charging scheme

The future: Enhance Outreach (1)

- Further represent the interests of the membership and the RIPE community
- Continue to defend the open, bottom-up policy development processes of the Internet community
- Continuing to promote the RIPE NCC as a transparent, impartial and trusted authority

The future: Enhance Outreach (2)

- We expect increasing scrutiny of the role RIRs play
- Continue to build relationships with other stakeholder groups (governments, LEAs, OECD, etc.)
- Capitalise on the RIPE NCC's ability to lead/coordinate liaison activities

The future: Enhance Outreach (3)

- The ITU, the UN, ICANN – RIPE NCC's relationship to these bodies is evolving
- RIPE NCC will ensure membership and RIPE community perspectives are heard, and insist that Internet governance embraces the principles of open, multi-stakeholder participation

Legacy Address Space (1)

- Between *1992 and 2011*:
 - 164 x /16 and 512 x /24, or about 10.8 million, legacy space addresses were registered with RIPE NCC LIRs
- *January 2012 until mid 2012*:
 - 151 x /16 and 480 x /24, or about 9.9 million, legacy space addresses were registered with RIPE NCC LIRs

Legacy Address Space (2)

- To date 1,368,576 legacy addresses have been returned to the RIPE NCC and these have been returned to IANA
- Awaiting community policy consensus on how to move ahead in the long term

The future: IPv4 Transfers

- Main goal is to keep the registry accurate!
- RIPE region reached /8 on 14th September 2012
- Lots of organisations want more than just a /22
- Some organisations are looking to the ‘*transfer market*’

The future: IPv4 Transfers

- The RIPE NCC will:
 - make transfers as smooth as possible
 - protect member interests
 - ensure transfers meet RIPE policies
 - engage with IP brokers

RIPE NCC's future is in your hands

- The RIPE NCC membership has made the organisation what it is today
- The membership and community will govern where the organisation goes tomorrow
- Remember that you have a say, you have a Board, and **you elect the Board!**
- The Board discusses and approves the *Activity Plan and Budget based on your feedback with the various mechanisms that we have in place (including Member Survey)*

RIPE NCC's future is in your hands

- Get involved in the policy development process
- Make use of the mailing lists
- Get involved in the RIPE WG sessions
- Attend the RIPE NCC General Meetings
- Vote for your preferred Executive Board candidate(s)
- Take part in the 2013 RIPE NCC Member & Stakeholder Survey - this helps form our strategy
- The RIPE NCC plans to evolve with you and your needs, through your input!

Questions?

