



**RIPE
NCC**

RIPE NCC Update

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Training Services

Who are we?

ARIN
American Registry for Internet Numbers



**RIPE
NCC**



lacnic

AFRINIC
The Internet Numbers Registry for Africa

APNIC



**RIPE
NCC**

What do we do?

- Distribute IP addresses and AS Numbers
- Support policy development in RIPE region
- RIPE Database
- RIPE Atlas
- RIPE Stat
- Resource Certification (RPKI)
- ...among other things

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That's you!

10.000 members!

MOSCOW



DUBAI



- LIR Training Course
- IPv6 for LIRs
- Routing Security
- RIPE DB Training Course
- **IPv6 Deployment**
- **DNSSEC Training Course**



- RIPE DB Basics
- RIPE DB - Advanced Topics
- IPv6 for the RIPE Database
- RPKI
- **New LIR**

- **Members can get one /22 (=1024 addresses)**
- **Must already hold IPv6 allocation**

- **The RIPE NCC doesn't have to approve:**
 - End User assignments
 - Transfers
 - need to qualify for last /22

- **It's up to the LIR to conserve its own IPv4 address space**

- **Transfer policy**
 - Only between RIPE NCC members
 - Minimum size: /22
 - No re-allocation before 24 months
 - Only PA space. No PI space can be transferred
 - Evaluated by the RIPE NCC

Offered IPv4 Addresses

▶ /16 (3)

▶ /17 (3)

▶ /18 (9)

▶ /19 (9)

▶ /20 (16)

▶ /21 (9)

▶ /22 (11)

Requested IPv4 addresses

▶ /9 (1)

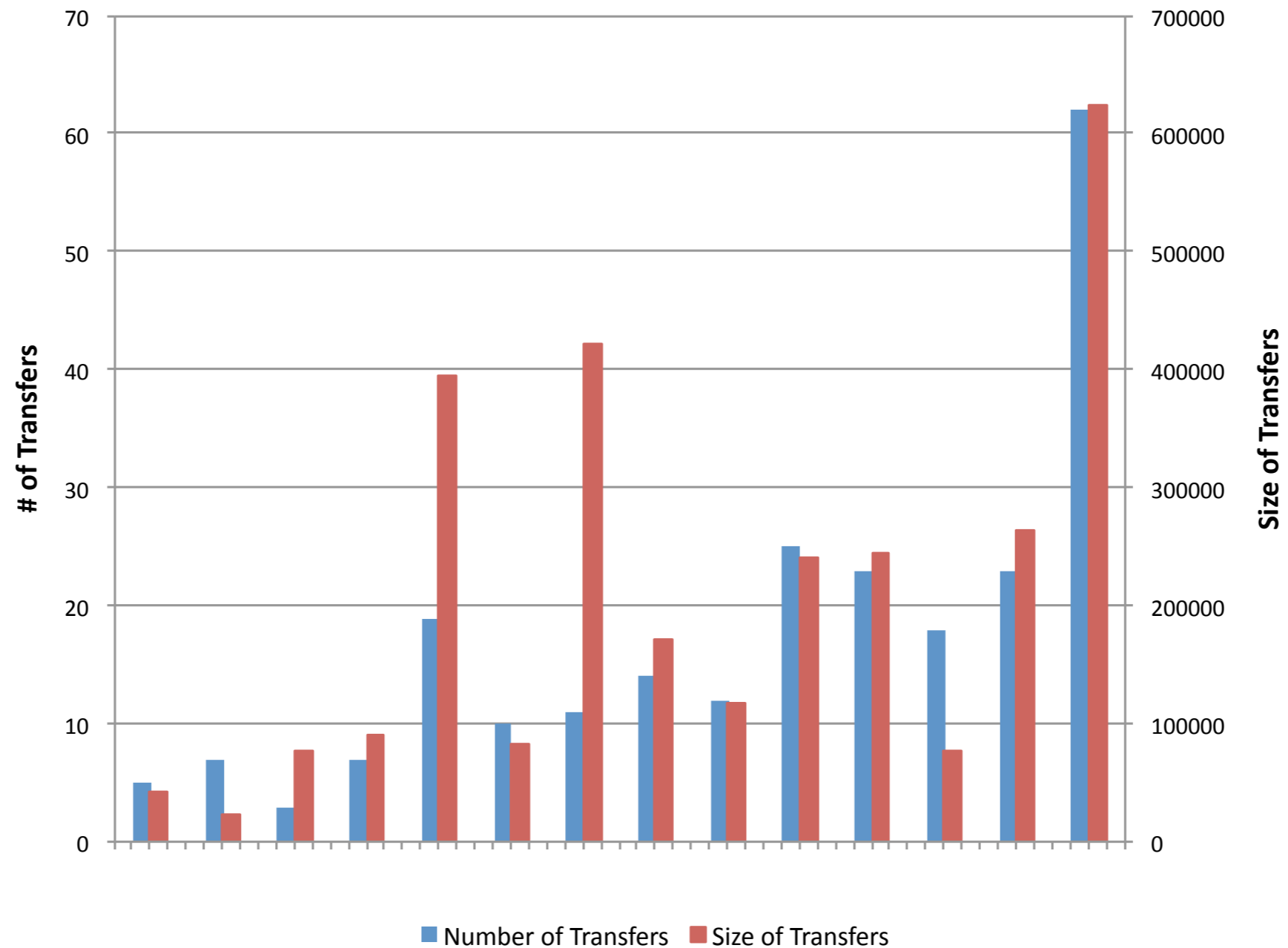
▶ /12 (6)

▶ /13 (1)

▶ /14 (2)

▶ /15 (4)

Transfers - how many?



- **inetnum / aut-num objects**
 - status: LEGACY
- **Options for Legacy Resource holders:**
 - **Become RIPE NCC member or not?**
 - turn legacy resources into non-legacy resources
 - Keep legacy resources as they are
 - (status: LEGACY)
 - **Register resources through a sponsoring LIR**

Legacy resources:

legacy@ripe.net

Policy Development:

pdo@ripe.net

- Ask for your /22
- Check the Listing Service in LIR Portal if you want to buy or sell IPv4 addresses
- Join a training course or webinar!

