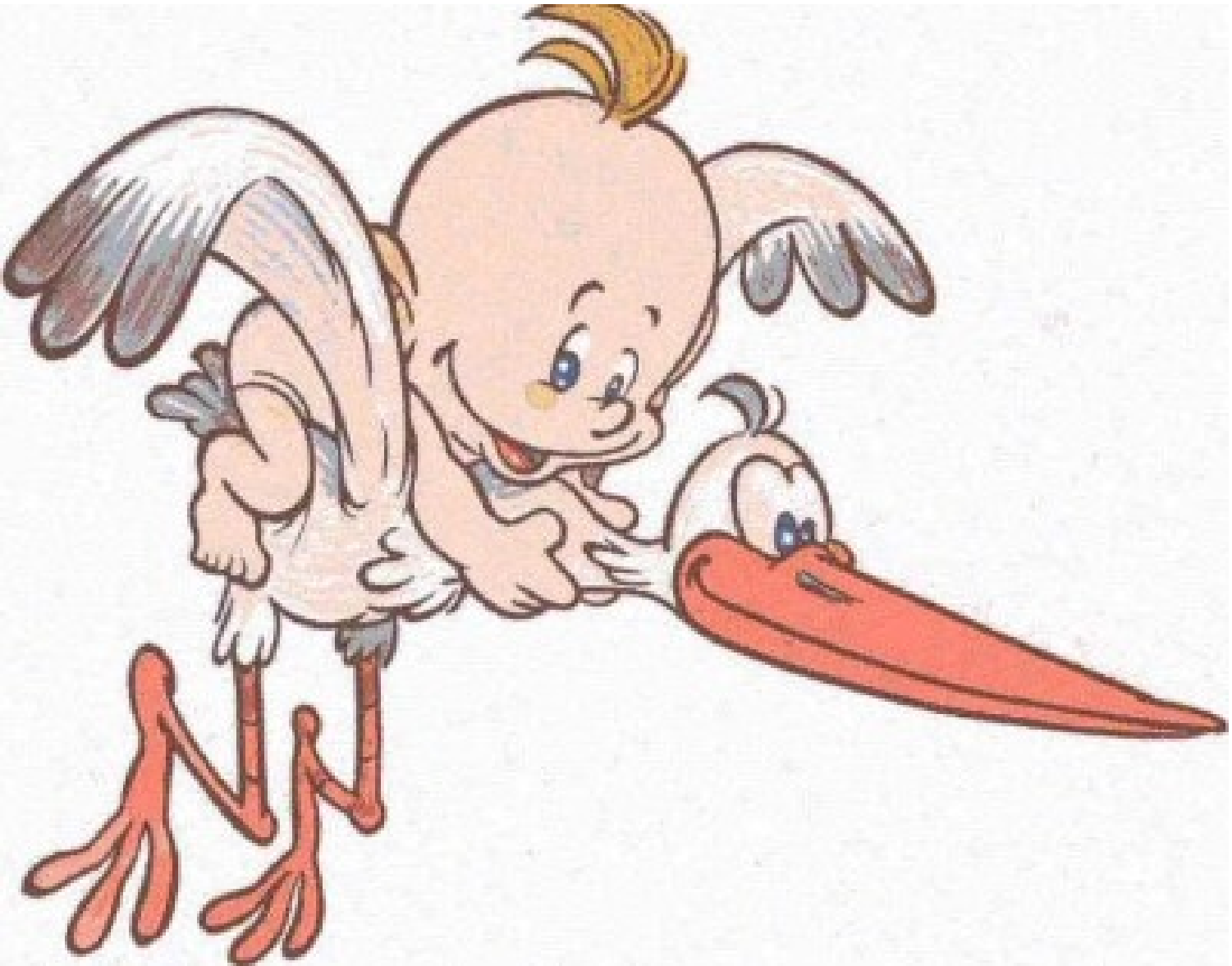
A possible misconception…



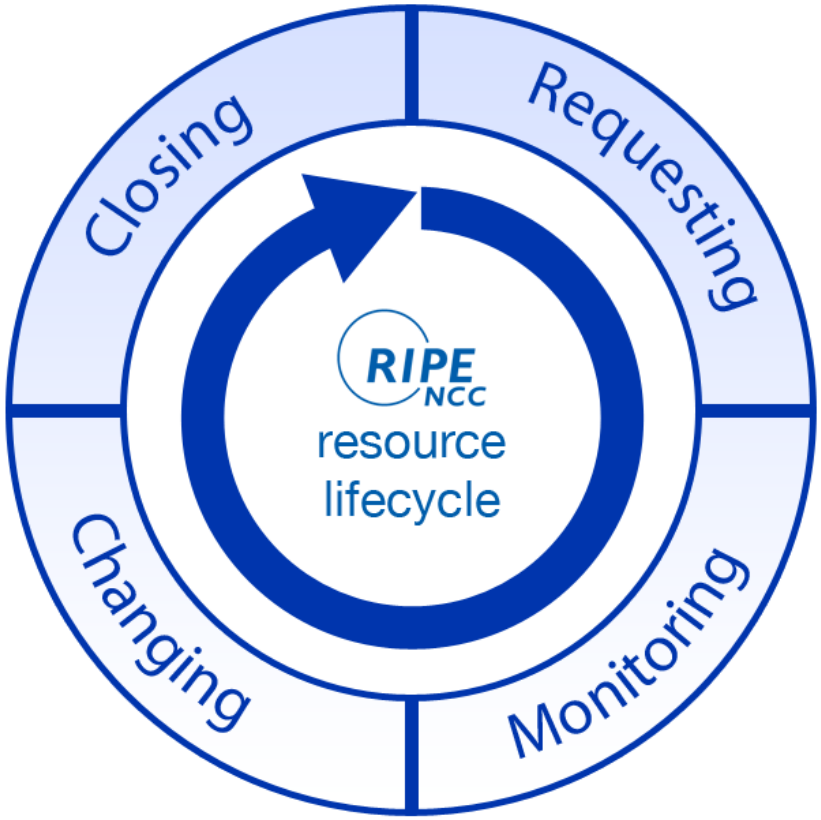
The RIPE NCC is not Santa Claus!

- We do not simply distribute Internet number resources:

We actively manage resources through their life cycle

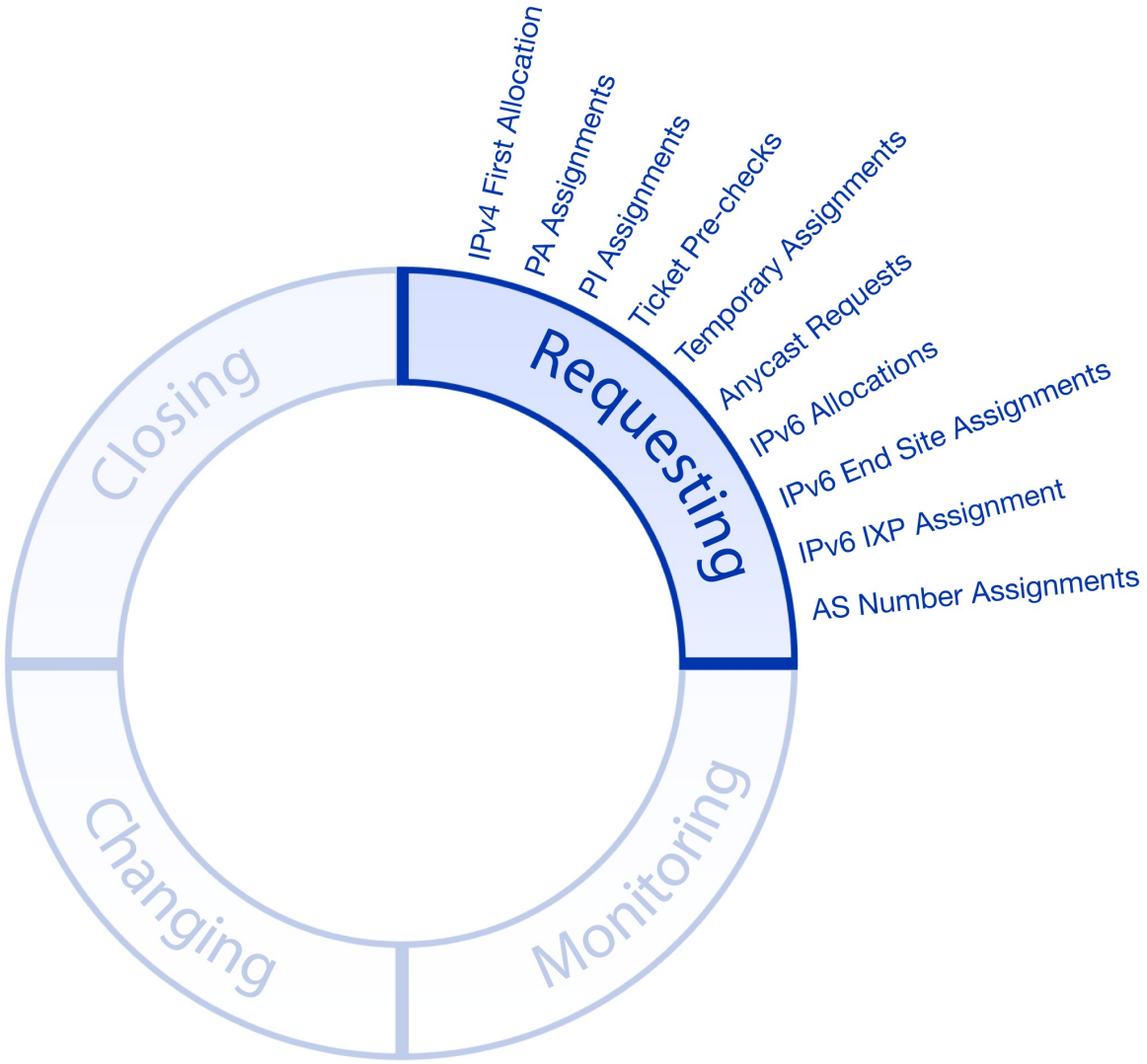
Resource Life Cycle Management

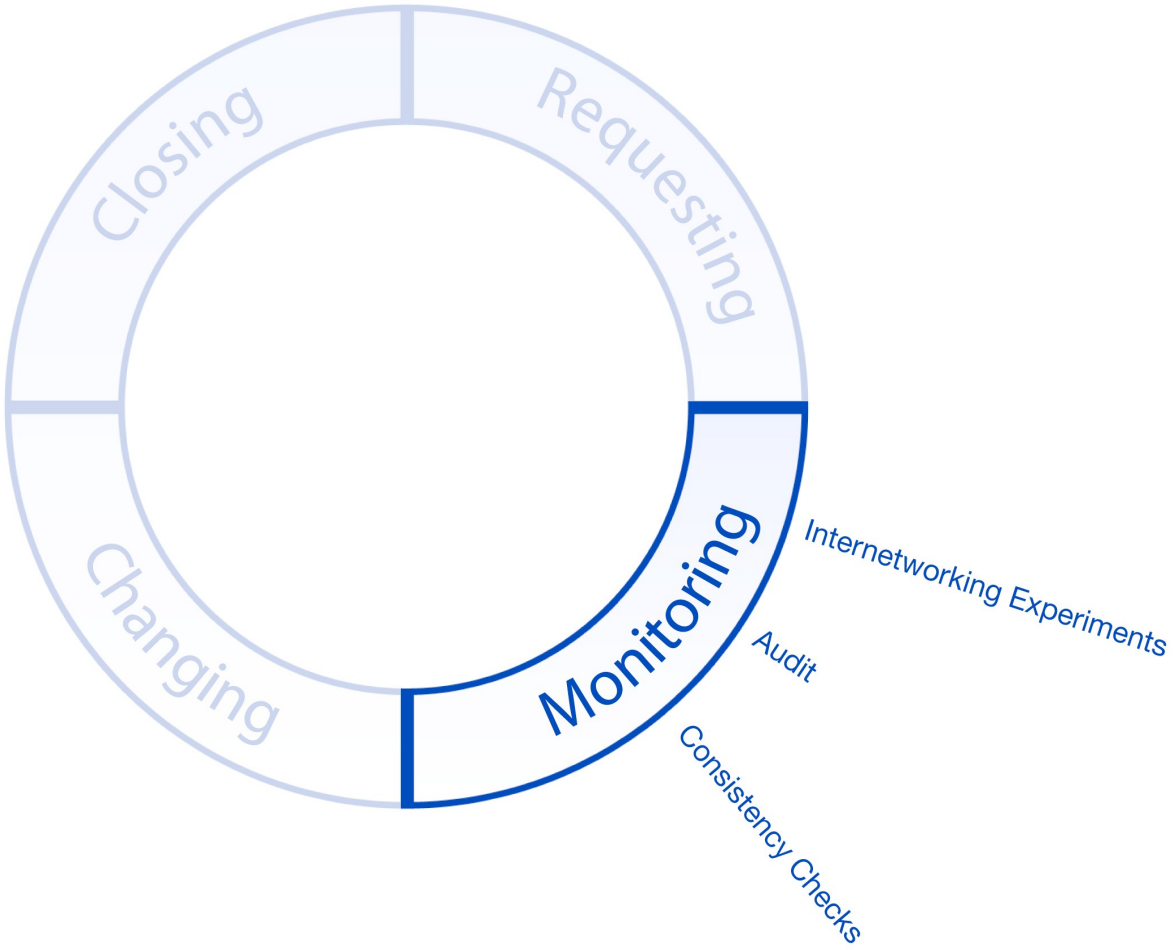
- There are four phases in the life cycle of an Internet number resource:

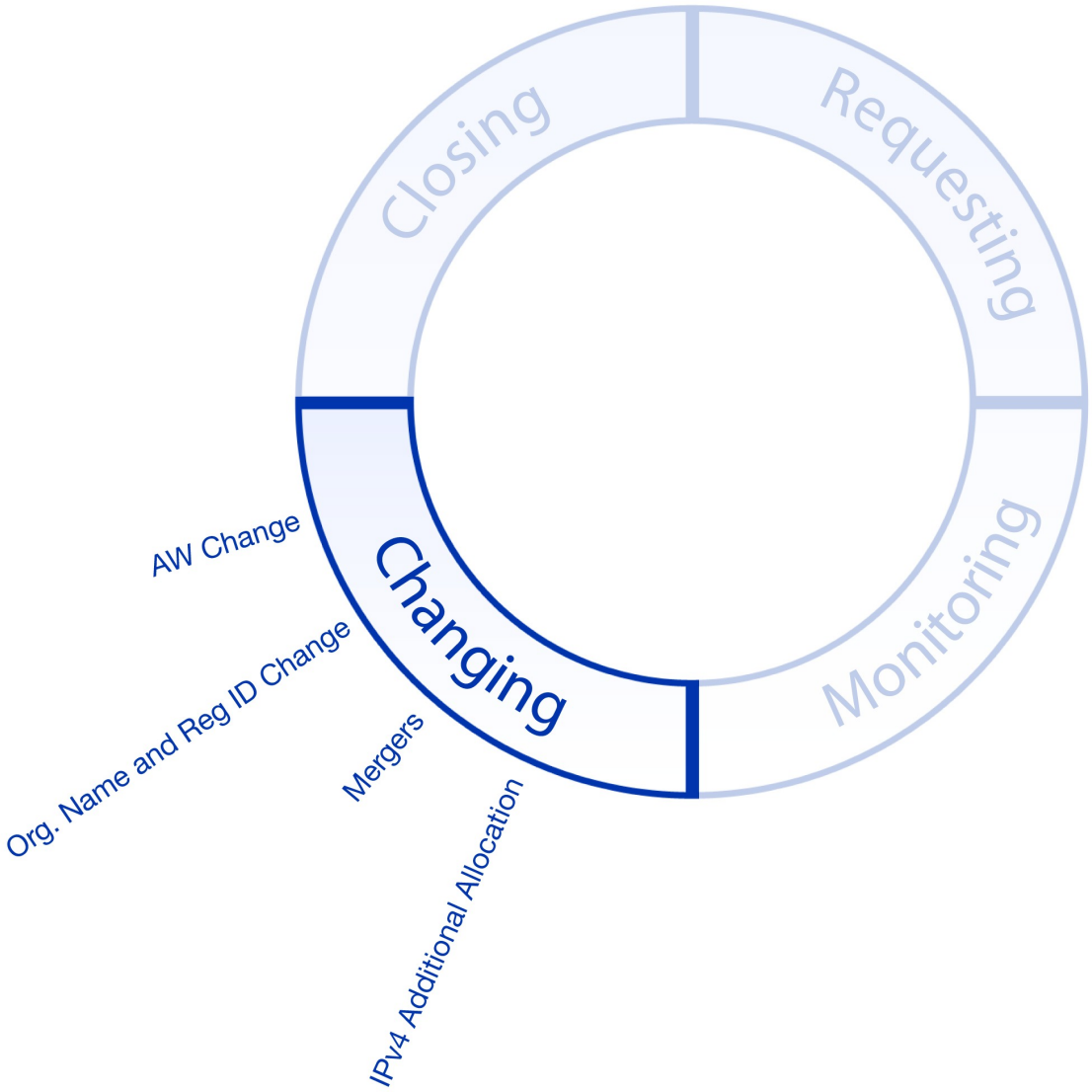


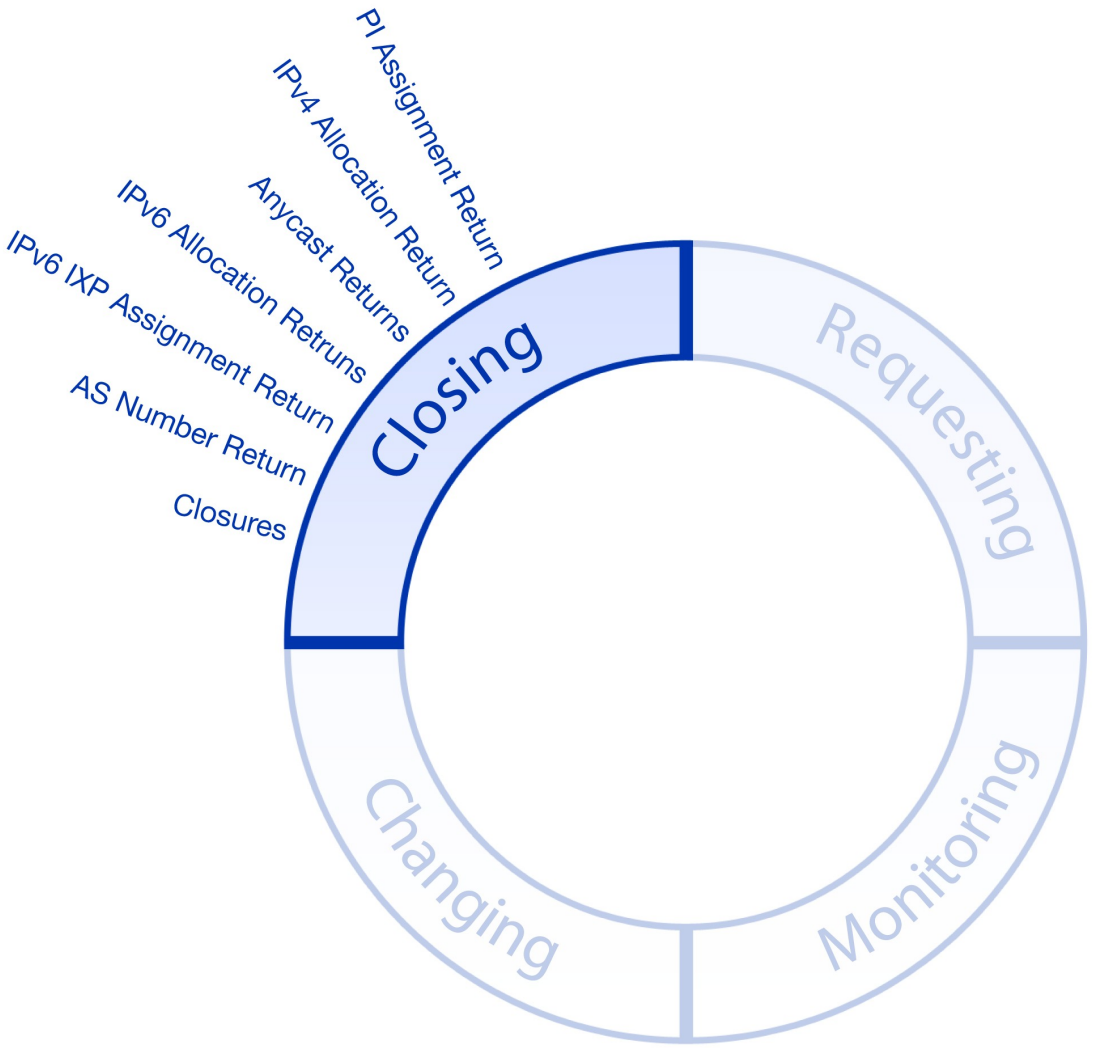
Resource Life Cycle Management (2)

- The RIPE NCC is neutral and impartial
- Each life cycle phase is based on policies determined by the RIPE community
- This ensures fairness and transparency


IPv4 First Allocation
PA Assignments
PI Assignments
Ticket Pre-checks
Temporary Assignments
Anycast Requests
IPv6 Allocations
IPv6 End Site Assignments
IPv6 IXP Assignment
AS Number Assignments
Requesting
Monitoring
Changing
Closing


Closing
Requesting
Changing
Monitoring
Internetworking Experiments
Audit
Consistency Checks


Closing
Requesting
Changing
Monitoring
AW Change
Org. Name and Reg ID Change
Mergers
IPv4 Additional Allocation


PI Assignment Return
IPv4 Allocation Return
Anycast Returns
IPv6 Allocation Retruns
IPv6 IXP Assignment Return
AS Number Return
Closures
Closing
Requesting
Monitoring
Changing

Resource Certification

- Resource Certification is an enhancement to resource life cycle management

- The free pool of IPv4 is running out, which means:
  - A possible growth in demand for resource transfers
  - An increasing potential for conflicts over address space

- The RIPE NCC's goal is to create an enhanced, more robust registry function