RIR Global Policies

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Global Policies

- Related to common issues or interests of the global community as a whole.
- Has a global scope. *In general,* it is related to distribution of resources from IANA to RIRs.
- Policies to be followed exactly the same way by all the RIRs
Global Policies

- How does it start?
  - Someone from the community of any of the RIRs can propose it in its own open forum
  - Some member of the ICANN ASO (Address Supporting Organization), can also propose
- It should then, be discussed in all the RIRs regional forums
- The same proposal text has to be approved in all the RIRs
Global Policies

- Once approved in all the RIRs
  - It has to be submitted to the ASO for process review
  - It then is forwarded to ICANN for process review and approval
  - After that, it becomes a Global Policy and it is implemented as such.
Global Policies

- Some example of Global Policies in place:
  - Global Address Policy - describes procedures to be followed by IANA to allocated IPv4 blocks to RIRs.
  - Global Policy for the allocation of IPv6 address space - similar, but regarding to IPv6.
  - Global Policy for the allocation of the remaining IPv4 Address Space - requires IANA to reserve one /8 for each RIR from its address pool.
In discussion

- Global policy proposal LAC-2009-01, named “Global Policy proposal for the allocation of IPv4 blocks to Regional Internet Registries”
- It has been presented in all five RIRs. In LACNIC during its last open policy forum (LACNIC XII).
- It has already been approved on APNIC, AfriNIC and LACNIC
Global policy proposal LAC-2009-01 basically establish:
- Mechanism create an IANA pool of returned IPv4 addresses
- Two phases: recover, allocation
- Phase I - Recover of IPv4 address space
  - Once ratified, IANA to establish mechanism to receive IPv4 address space recovered by RIRs.
  - RIRs recover address space based on their own policies
  - And should, quarterly, return them to IANA in blocks of /24 or larger. Which will be included in the pool
  - No allocation on this phase
In discussion

- Global policy proposal LAC-2009-01 continuing:
  - Phase II - Allocation of recovered IPv4 address space
    - Once ratified and upon declaration of IANA that existent pool of unallocated IPv4 is depleted.
    - IANA will make allocations from this pool to RIRs
    - Allocation period, 6 months each year (1st March or 1st Sept)
    - Maximum allocation size, for each period, determined as 1/10th of total pool size rounded down to the next CIDR boundary (Minimum /24).
In discussion

- Global policy proposal LAC-2009-01 continuing:
  - Phase II - Allocation of recovered IPv4 address space
    - Each RIR shall apply for one unit of allocation during each period
    - RIR is eligible to receive allocation if its total free space is less than 50% of current “allocation unit”, and has not received any allocation on the current period.
In discussion

- In ARIN: slightly different proposal on what can be recovered by IANA
  - To not include “legacy” blocks that eventually are recovered by ARIN
- In RIPE NCC, had good acceptance but concerns from the community about difference on proposals approved on others RIRs and the one presented on ARIN
Next steps...

- Policy approved on last LACNIC open Forum
- But, can still be discussed... it is now on the “last comments call” (up to august 3rd.)
- So, give your thoughts
Thank you