

# "status:" attribute

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# Current State

- IPv4
  - ALLOCATED PA / PI / UNSPECIFIED
    - PI=Provider Independent, PA=Provider Aggregatable
  - LIR-PARTITIONED PA / PI
  - ASSIGNED PA / PI
  - EARLY-REGISTRATION
- IPv6
  - RIR-ALLOCATED
  - LIR-ALLOCATED
  - ASSIGNED

# Problems

- PA and PI have non-obvious meanings
- No database enforcement of rules
- Differences between IPv4 and IPv6
- ALLOCATED UNSPECIFIED over-used
- Many objects without any "status:"
- No ability to sub-allocate



# Recent Draft Document

- Part of IPv4 policy change proposal
- Adds database enforcement to "status:" rules

ALLOCATED-BY-IANA

ALLOCATED-BY-RIR NON-PORTABLE / PORTABLE / UNSPECIFIED

ALLOCATED-BY-LIR NON-PORTABLE / PORTABLE

PARTITIONED-BY-LIR NON-PORTABLE

ASSIGNED NON-PORTABLE / PORTABLE

EARLY-REGISTRATION

NOT-SET

<http://www.ripe.net/ripe/draft-documents/status-attributes.html>

# Rethink

- Feedback from APNIC
  - Gosh, that's a *lot* of values!
  - Maybe 2 attributes would be clearer
- Organisation object could make registry clear
  - IANA, RIR, LIR, etc. is found there
  - So, use a simple "status:" combined with "org:"
- Depends on organisation proposal
  - Will take several months, after concensus
  - Requires a revision of the "status:" proposal



# Immediate Change Required!

- Sub-allocation policy depends on "status:"
- LIRs waiting for policy
- Implementing new values should be done once
  - Means changing user's data
  - Requires users to learn new terms
  - Documentation, software, procedures, etc.
- So, implement a simple change:

SUB-ALLOCATED

