



**RIPE NCC**  
RIPE NETWORK COORDINATION CENTRE

# 2018-03, “Fixing Outdated Information in the IPv4 Policy”

# Background



- Mandate from the Address Policy WG to create a policy proposal to fix outdated information in the IPv4 Policies
- Focus on two areas:
  - Fix references to outdated RFCs
  - Match possible values of inetnum objects with the reality in the RIPE Database

# Update References



- Initially there was a focus on references to obsolete RFCs only - RFC 3330 found and proposed to replace with RFC 6980
- Feedback from the mailing list: Better to have a direct reference to the "IANA IPv4 Special-Purpose Address Registry" page
- What about the other references to RFC 1918 and RFC 2993?
  - Maybe there are better references?

# Address Types to be Removed



- EARLY-REGISTRATION and NOT-SET don't exist anymore in the RIPE Database and will be removed from the policy section 7.0
- ALLOCATED PI and LIR-PARTITIONED PI will soon become obsolete as a result of the ongoing project to convert ALLOCATED PI and will be removed too

# Address Types to be Updated



## Current definition

**ALLOCATED UNSPECIFIED:**  
This address space has been allocated to an LIR or RIR. Assignments may be PA or PI. This status is intended to document past allocations where assignments of both types exist. It is avoided for new allocations. Sub-allocations cannot be made from this type of address space

## Proposed definition

**ALLOCATED UNSPECIFIED:**  
This address space has been allocated to the RIPE NCC or other RIRs for further distribution. If the address space is administered by the RIPE NCC, more specific objects with other values may exist.

# Address Types to be Added



## Current definition

N/A

**Proposed definition** (from ripe-639)

LEGACY: This indicates the Internet number resource was obtained prior to or otherwise outside the current system of hierarchical distribution (by allocation or assignment) through the Regional Internet Registries.

# Summary



- Discussion Phase will end on 23 May
- More feedback is needed
- Is there support for the proposed definitions for ALLOCATED UNSPECIFIED and LEGACY?
- Suggestions for more updates to current references to improve the IPv4 policies?



# Questions/ Feedback

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