



Ideas about
AGGREGATED-BY-LIR IPv4

TABLE OF CONTENTS

- Where we come from
- Challenges with IPv4 assignments
- Our goal
- The idea
- Discussion



Where we come from

- Concept proposal in Ripe 84 Berlin
- IPv4 assignments not mandatory
- Official policy proposal
- Ripe 85 Belgrade further discussion about it
- Feedback from community
- First discussion how to improve the IPv4 policy

Challenges

- 16,232 PA allocations no child assignments
- 42% of LIRs do not comply (9986)
- Too much repetitive work
- Paragraph 6.2 “Network Infrastructure and End User Networks” multiple interpretations

Our GOAL

Better coverage IPv4 space in DB

Make it less
repetitive

Make it more
easy

Make it more
clear

The idea

- Introducing AGGREGATED-BY-LIR
- Replacing 6.2 paragraph
- Same as IPv6 policy
- Popular in IPv6
- Unification IPvX policies

Thank you

Discussion
