IPv6 Policy Improvements

Address Policy WG
RIPE 86

Leo Vegoda

Agenda

What's happened since RIPE 85

Text describing policy objectives

Set priorities by volunteering to draft a proposal?

Interim sessions

Participate «

RIPE NCC Membership ›

RIPE Community ⌄

   The RIPE Chair Team

   RIPE Code of Conduct

   RIPE Plenary

   Working Groups

     Active Working Groups

      Address Policy Working Group

        Interim Sessions

         11 April 2023

         20 February 2023

   RIPE Community Plenary

   Task Forces

   BoF (Birds of a Feather) Gatherings

   NRO NC/ASO AC

   Academic Cooperation (RACI)

   RIPE Fellowship

   Rob Blokzijl Foundation

   The History of RIPE

   How to Participate

Interim Sessions

The Address Policy Working Group is holding remote sessions outside of RIPE Meetings organised via teleconference and open to everyone.

These sessions are aimed at helping identify priorities and the outcomes the Working Group needs from the policy discussion, so volunteers in the community can draft policy proposals.

More information about this initiative is available on RIPE Labs.

Schedule:

Date and Time	Topics
11 April 2023 13:30 UTC (15:30 CEST)	**1. Identifying desired policy outcomes** - Leo Vegoda, co-chair, Address Policy Working Group **2. Setting priorities** - Leo Vegoda, co-chair, Address Policy Working Group
Previous sessions	
20 February 2023 13:00 UTC (14:00 CET)	**1. Identifying desired policy outcomes** - Leo Vegoda, co-chair, Address Policy Working Group **2. Setting priorities** - Leo Vegoda, co-chair, Address Policy Working Group

Navigation

11 April 2023

20 February 2023

Issues

- Unclear guidance on documentation requirements for large allocations
- Complex language and implementation of the HD-ratio
- IPv6 space not assigned/allocated on a nibble boundary
- Policy limitations for PI assignments

RIPE

Documentation

- Should the policy specify the documentation requirement?

  Desired policy outcome

  Published and predictable requirements – easy to implement – renumbering should not be required to get more addresses but must be an option

HD-ratio

- Is the HD-ratio the right tool?
- Any suggestion for an alternative?

Desired policy outcome

Need a tool that matches the way network engineers plan and think

RIPE

Nibble boundary

- How is this connected to other policy goals?
  HD-ratio
  Documentation

  Desired policy outcome

  Initial and subsequent allocations/PI assignments should always be on a nibble boundary – check whether this always doubles the allocation

RIPE

Policy limitations for PI assignments

- Should we have just one type IPv6 space?
- Should we review the PI policy limitations?

  Desired policy outcome

  PI assignments should be based on the organisation managing the network and not the ownership of the devices connected to it

  Eliminate needs requirement up to /44

RIPE

Discussion