Draft Policy ARIN-2020-11

Add Textual Description for the Number Resource Hierarchy Image in Section 2

History

- Shepherds: Andrew Dul, Chris Tacit
- [Proposal](#) (ARIN-prop-295) 24 November 2020
- [Draft Policy](#) 23 June 2020
- [Revised](#) 9 February 2021
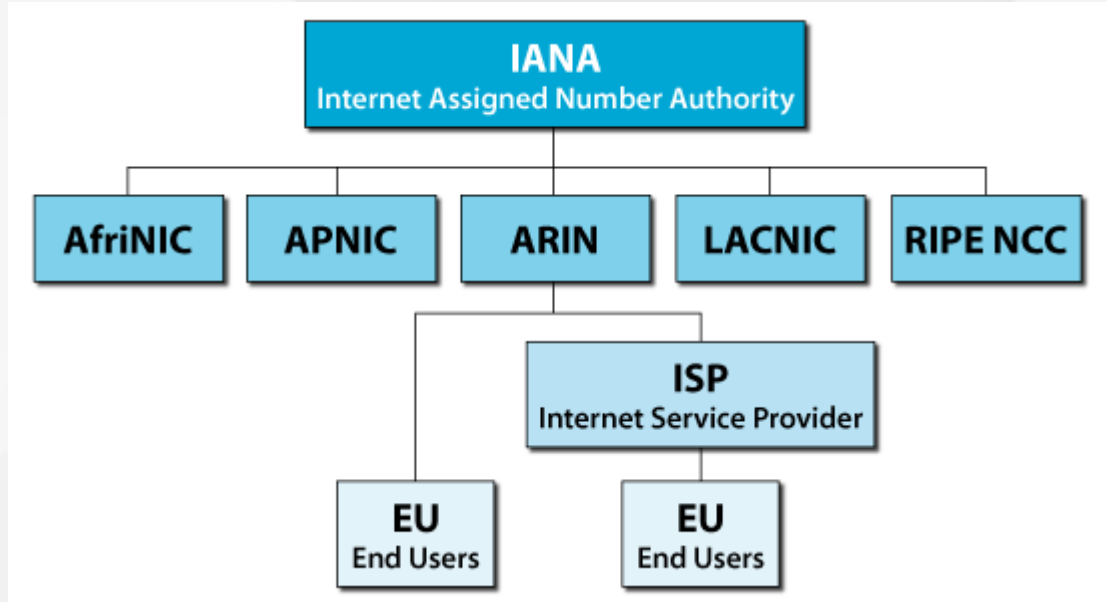- Not yet presented at an ARIN meeting

Problem Statement

The beginning of Section 2 in the NRPM shows a diagram of how addressing responsibility is delegated. However, this image does not appear to have a description or even alt text, and the existing text embedded in the image is not selectable. This could have adverse accessibility implications, especially for those with sight-related disabilities, or if the NRPM is translated into other languages.

NRPM Section 2

2. Definitions

Responsibility for management of address spaces is distributed globally in accordance with the hierarchical structure shown below.

NRPM Section 2 (continued)

2.1. Internet Registry (IR)

An Internet Registry (IR) is an organization that is responsible for distributing IP address space to its members or customers and for registering those distributions.

2.2. Regional Internet Registry (RIR)

Regional Internet Registries (RIRs) are established and authorized by respective regional communities, and recognized by the IANA to serve and represent large geographical regions. The primary role of RIRs is to manage and distribute public Internet address space within their respective regions.

2.4. Local Internet Registry (LIR)

A Local Internet Registry (LIR) is an IR that primarily assigns address space to the users of the network services that it provides. LIRs are generally Internet Service Providers (ISPs), whose customers are primarily end users and possibly other ISPs.

2.6. End-user

An end-user is an organization receiving assignments of IP addresses exclusively for use in its operational networks.

Issues discussed

- Original proposal suggested replacing the image with the text. However, the AC believes that the image is useful in describing the relationships so the draft was changed to add text beside the image.
- On PPML, members of the community raised the issue of whether "ISP" should be changed to "LIR" in the text. The draft was updated to use the reference to "LIR" which better reflects the types of entities which allocate or assign IP numbering resources.

Questions for discussion

- Does the addition of this text add value to the NRPM?
- Does the update from ISP to LIR clarify the text?
- Do you think this text needs additional discussion or could the AC move forward with this draft change as an editorial update?
- Are there any other issues which are raised by this update which need to be considered?

Thank you

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