Policy For Reverse Address Delegation of IPv4 and IPv6 Address Space in the RIPE NCC Service Region

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Document ID: ripe-581
Updates: ripe-302
Date: January 2013

Abstract
This document describes the policy for reverse delegation of IPv4 and IPv6 address space in the RIPE NCC service region.

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1.0 Definition
1.1 Reverse delegation: The process by which the authority for certain reverse DNS zones is assigned to a specific set of DNS servers.
1.2 Early registration: IPv4 address space assigned or allocated before the establishment of the Regional Internet Registries (RIRs).

2.0 Introduction
The RIPE NCC provides the necessary support to enable resolution of IPv4 and IPv6 address space into domain names. This service is implemented under the in-addr.arpa and ip6.arpa sub-domains described in [1] and [2].

3.0 Reverse Delegation in the RIPE NCC Service Region
The RIPE NCC provides reverse delegations for IPv4 and IPv6 address space that is registered by the RIPE NCC.

The RIPE NCC also provides systems to control reverse delegation of early registrations that have been transferred to the RIPE Database.

Address space holders may delegate authority to another party.

4.0 Procedures

The procedures related to reverse delegation and information about the requirements the RIPE NCC enforces are published at:
http://www.ripe.net/reverse/

5.0 References

[1] [RFC 3172] "Management Guidelines & Operational Requirements for the Address and Routing Parameter Area Domain ("arpa")"
[2] [RFC 3596] "DNS Extensions to Support IP Version 6", [RFC 3363] “Representing Internet Protocol version 6 (IPv6) Addresses in the Domain Name System”, [RFC 3364] “Tradeoffs in Domain Name System (DNS) Support for Internet Protocol version (IPv6)”

6.0 Attribution

This document is compiled from policies developed by the RIPE community.

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