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2008-05 Anycast Assignments for TLD & ENUM Tier0/1

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Introduction

AIM of the proposal

- Expand the current policy to apply to Tier0 and Tier1 ENUM registries
- Expand the current policy from 1 /24 to (up to) 4 /24 prefixes

Proposal History

- Original version was for ENUM expansion only
- Discussion at RIPE 57 caused change for prefix expansion
- Further comments have lead to wording changes
- Scope and Intention of policy has not changed since version 2

2008-05 Version 4

The organisations applicable under this policy are TLD managers, as recorded in the IANA's Root Zone Database and ENUM administrators, as assigned by the ITU. The organisation may receive up to four /24 prefixes per TLD and four /24 prefixes per ENUM. These prefixes must be used for the sole purpose of anycasting authoritative DNS servers for the stated TLD/ENUM, as described in BCP126/RFC4786.

Assignments for authoritative TLD or ENUM Tier 0/1 DNS lookup services are subject to the policies described in the RIPE Document entitled "[Contractual Requirements for Provider Independent Resource Holders in the RIPE NCC Service Region](#)".

Anycasting assignments are registered with a status of 'ASSIGNED ANYCAST' in the RIPE Database and must be returned to the RIPE NCC if not in use for authoritative TLD or ENUM Tier 0/1 DNS lookup services via anycast any longer.

- Removed "Critical DNS Infrastructure" as this was a controversial term
- Clarification made to which organisations are applicable.
- Clarification made to how many prefixes per TLD/ENUM
- Reference to Anycast RFC updated.

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Questions/Comments