nominet

Anycast Assignment Policy

Brett Carr

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Introduction

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- .uk ccTLD registry

- .uk dns servers (No Anycast currently)

- Now also 4.4 ENUM Registry

- 4.4.e164.arpa moving to Anycast

Current ccTLD Anycast Policy

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- ipv4 ripe-424

- Ipv6 ripe-421

- No provision for ENUM

Policy Proposal 2008-05

- 6.9 Anycasting TLD and Tier 0/1 ENUM Nameservers

  If the name server set of a ccTLD, gTLD or a Tier 0/1 ENUM without anycasting technology applied would not pass the 'IANA Administrative Procedure for Root Zone Name Server Delegation and Glue Data' the TLD or the ENUM administrator may receive a single dedicated /24 network prefix for the sole purpose of anycasting name servers, as described in RFC 3258.

  The prefix will be assigned by the RIPE NCC directly to the TLD or ENUM operator, upon a request submitted via an existing LIR and will be registered with a status of 'ASSIGNED ANYCAST' in the RIPE Database and must be returned to the RIPE NCC if not in use for anycast DNS any longer.

  For the purposes of this policy the following definitions are made

  Tier0 Enum: User enum top level domain intended to store user enum country code delegations.

  Tier0 Enum operator: The organisation that has been delegated the responsibility of operating the nameservers for e164.arpa by the IAB/ITU

  Tier1 Enum: User enum second level domains intended to store enum user data within a specific geographical region.

  Tier1 Enum operator: The organisation that has been delegated the responsibility of operating the nameserver for a specfic geographic region by the Tier0 Enum operator.

  This policy only applies to those networks fitting within the definitions above. In other words, this policy does not apply to infrastructure or inter-operator ENUM networks.

Questions/Comments