



Looking at the IPv6 Policy Text

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Do I Qualify?

- About 2 in 3 requests result in an allocation
- We ask about IPv6 assignment plans
- Some people never come back



Policy Text

- Language could be clearer
- APNIC IPv6 Guide WG
 - Draft document published:
 - <http://www.apnic.net/mailling-lists/sig-policy/archive/2004/04/msg00001.html>
- Plan to improve clarity of the actual policy text



Qualifying Criteria (1)

- 200 - too many?
 - “have a **plan** for making at least 200 /48 assignments to **other organisations** within two years”



Qualifying Criteria (2)

- Routing in Address Policy?
 - “plan to provide IPv6 connectivity to organisations to which it will assign /48s by **advertising that connectivity through its single aggregated address allocation**”
 - What about private (closed) networks?



/48s, /64s, /128s?

- Is the assignment size specified?
 - “Assignments are to be made in accordance with the existing guidelines [RFC3177, RIRs-on-48]”
 - “RIRs/NIRs are not concerned about which address size an LIR/ISP actually assigns”



Registration Requirements (1)

- Do /48 assignments have to be registered in whois?
 - “When an organisation holding an IPv6 address allocation makes IPv6 address assignments, it must register assignment information in a **database, accessible by RIRs**”



Registration Requirements (2)

- “The goal of registration should be applied within the context of **reasonable privacy considerations** and applicable laws”
- “RIR/NIRs will use registered data to calculate the HD-Ratio at the time of application for subsequent allocation and to check for changes in assignments over time”



Registration Requirements (3)

- “Information is registered in units of assigned /48 networks. When **more than a /48** is assigned to an **organisation**, the assigning organisation is responsible for ensuring that the address space is **registered in an RIR/NIR database**”



Allocation size (1)

- “Organisations may qualify for an initial allocation greater than /32 by submitting documentation that **reasonably justifies** the request.”
- “If an organisation needs more address space, it must provide documentation justifying its requirements for a **two-year period**. The allocation made will be based on this requirement.”



Allocation size (2)

- “It is desirable to minimise the overhead associated with obtaining address space. Overhead includes the need to **go back to RIRs for additional space too frequently**, the overhead associated with managing address space that grows through a number of **small** successive incremental expansions rather than through fewer, but larger, expansions.”



Time for discussion

