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Deprecating ip6.int

DNS Operations SIG

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Background

- Reverse mapping of IPv4 addresses to domain names in the in-addr.arpa domain name
- RFC1886 (Dec 95) defined the ip6.int domain as the IPv6 reverse address to domain name domain
- RFC3152 (Aug 01) deprecated the use of ip6.int in the standard specification in favour of ip6.arpa

Deprecation

“In this context ‘deprecate’ means that the old usage is not appropriate for new implementations and IP6.INT will likely be phased out in an orderly fashion”

RFC3152

Today

- ip6.int and ip6.arpa are both active as reverse mapping domains
 - ip6.int appears to contain only a subset of the reverse space
 - Operating two active domains for reverse mapping indefinitely is unhelpful and confusing for registries, ISPs, vendors and end users
- Its time to complete the phase out of ip6.int



Proposal to deprecate ip6.int

- As of 1 June 2005 ip6.int is to be no longer part of the IPv6 standard
 - No longer any requirement to support delegation of ip6.int sub-domains
- RIRs requested to work with their communities to adopt a schedule for stopping support of ip6.int delegations



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Thank You

Questions?