

# Deprecating ip6.int

DNS Operations SIG

Feb 24 2005

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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

draft-huston-ip6-int-01.txt

- 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

# Thank You

## Questions?