

Reverse DNS in IPv6 for Internet Service Providers

draft-howard-dnsop-ip6rdns

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History

- Draft-howard-isp-ip6rdns-00 presented at IETF75 in Stockholm
- Discussion on list and operator forums
- Draft-howard-dnsop-00 is version 7

Alternatives

- NXDomain
 - Don't be lame!
- Wildcard match
 - No forward match
- Dynamic DNS
 - How to tell consumer what server?
- Delegate reverse
 - To in-home name server?
- Generate PTR on the fly

Recommendations

In order or preference

1. Delegate authority along with addresses
 1. Consumers don't have name servers,
 2. No way to communicate name server to ISP
2. Dynamic DNS
 1. No way to tell home hosts where to send updates.
3. Wildcard response, dynamically generated response, or a negative response.

Next steps?

- Updates needed?
- Working group doc?