

Reverse DNS in IPv6 for Internet Service Providers

draft-howard-isp-ip6rdns-01

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History

- Draft-00 presented at IETF75 in Stockholm
- Discussion on list
- Draft-01 submitted recently, few comments

Alternatives

- NXDomain
- Wildcard match
- Dynamic DNS
- Delegate reverse
- Generate PTR on the fly

Minor Changes

- Clarification: only covers rDNS for residential subscribers.
- Clarification: why wildcard matches can't have corresponding forward and reverse entries.
- Addition: description of how to have the DHCP server update DNS.
 - Noted limitations in prefix delegation and current deployment.
- Addition: concern about synchronizing rules for on-the-fly.

Bigger Changes

- Informational, not BCP
 - Removed recommendations from each alternative.
- Removed the recommendation not to populate reverse DNS.
 - That may be the subject of a different draft.
 - Included as one alternative, without recommendation.
- Added concern of mischievous hostnames in delegated DNS.