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.