

Split-Horizon DNS Configuration

[draft-reddy-add-enterprise-split-dns-09](#)

IETF 113

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Update Summary (-07 to -09)

- Removed NSEC allowance
 - Allowed NXDOMAIN camping
- Removed subdomain-of-NS allowance
- Added DNSSEC-based validation
- Editorial changes

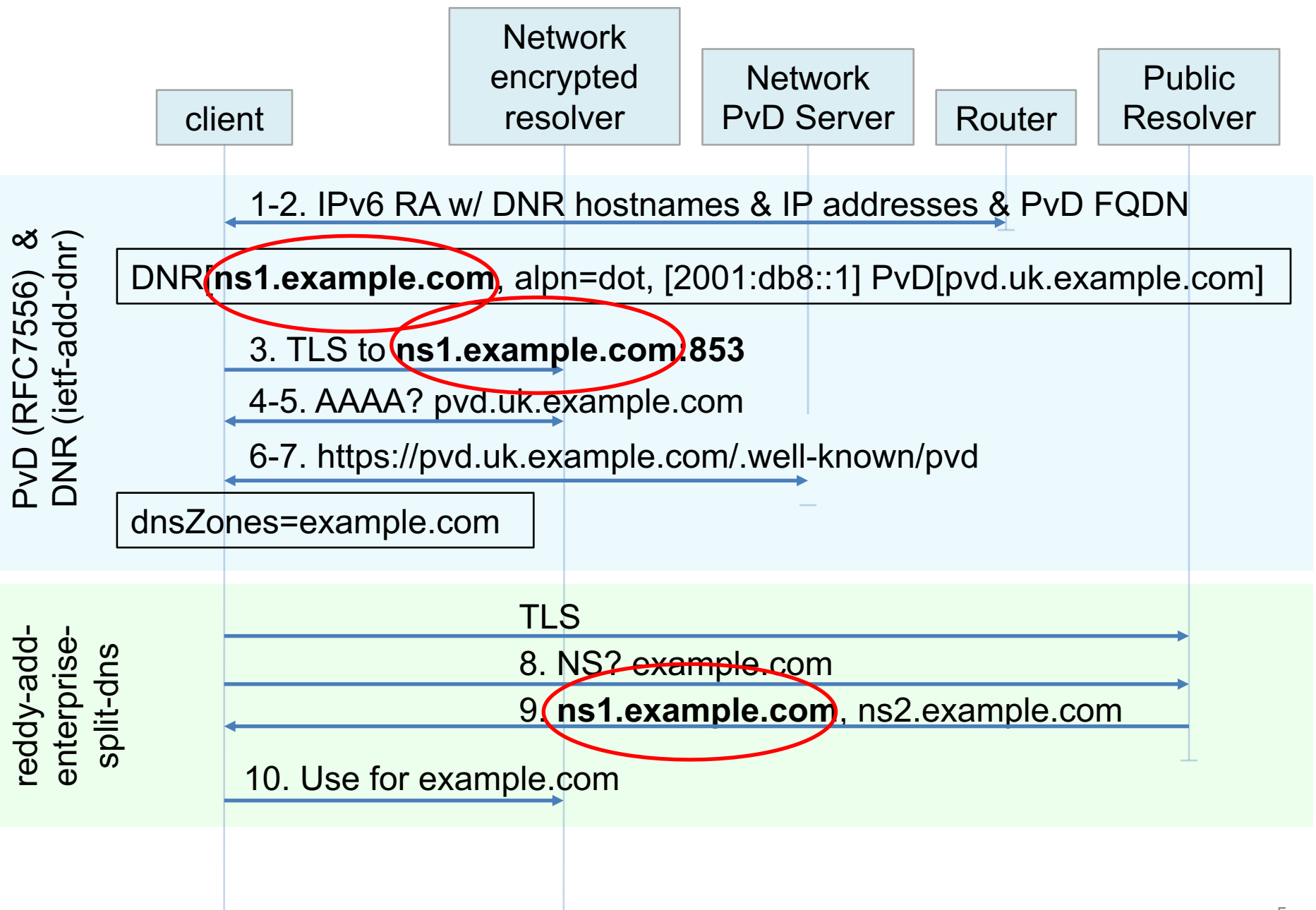
Scope Clarification

- Interim meeting: scoping discussion
 - "I want to implement domain filtering, so this draft doesn't work for me."
You're right! We believe that filtering is different from "Split DNS".
 - The draft's protocol requires:
 - Public resolver agreement on zone ownership, or
 - DNSSEC validation

Verified Split Horizon

Added text in -09,

“The protocol in this document allows the domain owner to create a split-horizon DNS. Other entities which do not own the domain are detected by the client. **Thus, DNS filtering is not enabled by this protocol.**”



Discussion

- Process
 - Seeking adoption
- Content
 - Other secure validation mechanisms that could be used?
 - Other risks we should consider?
 - Privacy
 - Need discussion of Recursion Desired (RD) bit?

tools.ietf.org/html/draft-reddy-add-enterprise-split-dns-09