

draft-tale-dnsop-serve-stale  
draft-tale-dnsop-edns-clientid

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(Drafts are not actually related, but didn't warrant two slide sets)

# draft-tale-dnsop-serve-stale

w/Warren Kumari <[warren@kumari.net](mailto:warren@kumari.net)>

- Increases DNS resiliency around TTL expiration:
  - Failure to refresh = soft error, return the stale answer
  - After time for manual intervention, eventually hard error
- In use for six years at Akamai, preventing several incidents
- Code contributed to ISC for BIND 9.12
- Akamai and Google IPR; official releases expected
- Seeking working group adoption

# draft-tale-dnsop-edns-clientid

w/Robert Licht <[robert.Licht@charter.com](mailto:robert.Licht@charter.com)>

- Provide device identification to resolver for filtering
- Variants used by Nominum, Cisco, and dnsmasq
- Similar issues to EDNS Client Subnet:
  - Obvious privacy concerns
  - Document existing practice? Try to make better?
- Requested Expert Review for IANA EDNS codepoint
  - Initially (and currently) denied, pending WG feedback
  - Expert Review process **really** needs defining and documenting
- Seeking WG adoption