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
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• 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
• 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