

draft-pusateri-dnsop-update-timeout

IETF 106, Singapore – DNSOP WG

November 2019

What?

- New resource record (TIMEOUT)
- associates a lifetime with one or more zone resource records
- Garbage Collection for Zones

Why?

- Consistent throughout zone transfers
- Multi-vendor setups
- Use cases: DNS Service Discovery (especially in IoT context), AD controllers, DANE TLSA, ...

Thank you for the good feedback on
the list and in person!

Mark Andrews, Paul Vixie, Joe Abley, Ted Lemon, Tony Finch, Robert Story,
Paul Wouters, Dick Franks, JINMEI, Tatuya, Timothe Litt, and Stuart
Cheshire

Changes -03 to -04:

- Better explanation of common usage patterns
- Absolute vs. relative time (TIMEOUT vs. EDNS0 Update Lease Option)
- Switched back to hash for identifying represented RRs

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Implementation progress

- First authoritative implementation in BIND 9 (Thanks Mark A.)
- First implementation of an external TIMEOUT manager (timeoutd, on IETF 104 Prague Hackathon)

WG adoption?

We think the draft is in a good shape.

Thanks. Questions?

Tom Pusateri pusateri@bangj.com

Tim Wattenberg mail@timwattenberg.de

I'm here for the week.

