

# draft-pusateri-dnsop-update-timeout

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# Motivation

- intended to be used
  - to transfer resource record lifetime state between a zone's primary and secondary servers and
  - to store lifetime state during server restarts
- Services are registered via SRP or Update Proxy, but clean-up might not happen because of failures, crashes, restarts
- EDNS(0) Update Lease option only transports the lifetime, but provides no mechanism to save state

# Running Code

- Hackathon result:
  - Implementation of a *timeoutd*, which provides TIMEOUT functionality
  - Looks for TIMEOUT records in a zone, parses them and sets a timer for record removal
  - Once the expiry time is reached, the represented records are removed via DNS Update

# Next steps

- Feedback from authoritative server vendors
  - Would you implement this?
  - If not, why not?
- Discussion on ANY in *Represented Record Type*:  
If *Represented Record Type* is ANY, the TIMEOUT instance is valid for all types under the owner name.
  - Any objections?