DNS Session Signaling

draft-ietf-dnsop-session-signal-02

Ray Bellis, Internet Systems Consortium, Inc.
Stuart Cheshire, Apple (presenting)
John Dickinson, Sinodun Internet Technologies
Sara Dickinson, Sinodun Internet Technologies
Allison Mankin, Salesforce
Tom Pusateri, Unaffiliated

98th IETF, Chicago, Illinois, March 2017

draft-ietf-dnsop-session-signal-02
Updated 13th March 2017

For managing properties of long-lived sessions (like TCP connections)

Discussion of previous issues resulted in three main changes:

- Restore standard twelve-octet header

  - But section are empty (counts MUST be zero)

- Every request message elicits a response message

- Split single timeout value into two

  - Idle timeout

  - Keepalive interval

Split single timeout value into two

Idle timeout

• Time client can keep connection open, speculatively expecting future operations

Interval between keepalive messages

• Client liveness

• Server liveness

• NAT mapping refresh

draft-ietf-dnsop-session-signal-03
Planned Updates

Add text prohibiting name compression

If any section non-empty, return FORMER (instead of "silently ignore")

Final polish for readability

Plan for DNSOP Working Group Last Call in two weeks: Tuesday 11th April

DNS Session Signaling

draft-ietf-dnsop-session-signal-02

Ray Bellis, Internet Systems Consortium, Inc.
Stuart Cheshire, Apple (presenting)
John Dickinson, Sinodun Internet Technologies
Sara Dickinson, Sinodun Internet Technologies
Allison Mankin, Salesforce
Tom Pusateri, Unaffiliated

98th IETF, Chicago, Illinois, March 2017