DRAFT-BELLIS-DNSOP-SESSION-SIGNAL

- Defines a DNS session to be:
  - long-lived
  - messages can be initiated from either end
  - messages arrive in order

- TCP and TCP-over-TLS currently qualify and other transports may qualify in the future (QUIC, DTLS + foo)
APPLICABILITY

- Given DNS Push messages fall within context of a session
- Seems appropriate to collaborate on DNSOP work in this area feeding requirements into DNS Session Signaling
- Session signaling optimal over use of per-packet EDNS(0) options
- Lots of synergy between efforts
RESISTANCE IS FUTILE. YOU HAVE BEEN ASSIMILATED.

- Session signaling TERMINATE message can directly replace DNS Push TERMINATE.
- It seems probable that new session signaling TLVs can be defined for SUBSCRIBE, UNSUBSCRIBE, and RECONFIRM.
- These will all use the same session signaling opcode.
- Packet formats are still under consideration. A completely new minimalistic header is a possibility for new opcode.
**NEXT STEPS**

- New version of session signaling draft based on discussions at IETF 96 coming out shortly
- Updated DNS Push draft to follow as soon as possible
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