

DNSSD Working Group

# DNSSD Document Status Update

Stuart Cheshire, Apple

101<sup>st</sup> IETF, London, March 2018

# DNS Stateful Operations (History)

March 2015	draft-ietf-dnssd-push-00	DNS Push Notifications
July 2016	draft-bellis-dnsop-session-signal-00	DNS Session Signaling
August 2016	draft-ietf-dnsop-session-signal-00	DNS Session Signaling
October 2016	draft-ietf-dnsop-session-signal-01	DNS Session Signaling
March 2017	draft-ietf-dnsop-session-signal-02	DNS Session Signaling
July 2017	draft-ietf-dnsop-session-signal-03	DNS Session Signaling
September 2017	draft-ietf-dnsop-session-signal-04	DNS Stateful Operations

# DNS Stateful Operations (Draft-04)

Draft-04 submitted September 2017

First draft to use the new title “DNS Stateful Operations”

First draft to remove the requirement that every request generate a response

Feedback via email and in person at IETF 100 in Singapore

- Document updated; draft-05 submitted January 2018

# DNS Stateful Operations (2018)

Draft-05 submitted January 2018

DNSOP Working Group Last Call 1<sup>st</sup> - 22<sup>nd</sup> February 2018

- Document updated
- **Lots** of textual polish; no functional change to protocol
- Draft-06 submitted Monday 5<sup>th</sup> March 2018
- Change summary sent to DNSOP email list by Ted Lemon on Thursday 8<sup>th</sup> March 2018

Further feedback from Paul Hoffman

- Minor textual edits to document
- Draft-07 submitted 19<sup>th</sup> March 2018 (Monday)

# DNS Stateful Operations (Next Step)

<https://tools.ietf.org/html/draft-ietf-dnsop-session-signal-07>

DSO required for:

- DNS Push Notifications                      draft-ietf-dnssd-push
- Multicast DNS Discovery Relay              draft-sctl-dnssd-mdns-relay
- Discovery Proxy                                draft-ietf-dnssd-hybrid

Next step: IETF Last Call

# DNS Push Notifications

<https://tools.ietf.org/html/draft-ietf-dnssd-push-14>

Updated this week to accommodate changes in DSO

Fixed Zone Apex Discovery iterative algorithm

Responses are no longer mandatory in DSO

- PUSH message no longer has unnecessary response
- UNSUBSCRIBE no longer has unnecessary response

Document shrank from 41 pages to 35 pages

# Multicast DNS Discovery Relay

<https://tools.ietf.org/html/draft-sctl-dnssd-mdns-relay-04>

Updated this week

Only minor updates for clarity

# Discovery Proxy

<https://tools.ietf.org/html/draft-ietf-dnssd-hybrid-08>

Updated this week

Lots of small changes to address IESG feedback

- Added diagram
- Request for an example — added reference to Road Map document
- Added text about escape characters in zone files
- More text in Security Considerations



# Service Discovery Road Map

<https://tools.ietf.org/html/draft-cheshire-dnssd-roadmap-01>

Updated this week

Added Appendix A: IETF Terminal Room Printer Discovery Walk-Through

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