DNSSD Working Group

Document Status

Stuart Cheshire, Apple

100th IETF, Singapore, November 2017

IETF Last Call for draft-ietf-dnssd-hybrid
https://tools.ietf.org/html/draft-ietf-dnssd-hybrid-07

IETF Last Call 28th September - 12th October

Secdir review by Dan Harkins (Security Area Directorate)
- Privacy considerations *

Opsdir review by Joel Jaeggli (Operations and Management Area Directorate)
- Information leakage concerns *

Gen-ART review by Joel Halpern (General Area Review Team)
- Improve introduction

IPR 2119 reinstated (thanks to David Schinazi for working to get this fixed)

* More on this later

Status of draft-ietf-dnssd-push

https://tools.ietf.org/html/draft-ietf-dnssd-push-13

Still blocked waiting for draft-ietf-dnsop-session-signal

Remaining open question about Section 6.1 ("Discovery")

* Changes made in response to comments by Andrew Sullivan
* Old text described algorithm deployed and used in Apple products since 2004
* New text is very confusing, and describes something:
  (a) inefficient
  (b) which doesn't actually work
* Need discussions with Andrew Sullivan about how to resolve this

Status of draft-ietf-dnsop-session-signal

https://tools.ietf.org/html/draft-ietf-dnsop-session-signal-04

Name change: DNS Session Signaling is now DNS Stateful Operations

DNSOP will be holding Working Group Last Call next month

Status of Other Drafts

Not updated since previous IETF

Service Discovery Road Map

- https://tools.ietf.org/html/draft-cheshire-dnssd-roadmap-00

Service Registration Protocol

- https://tools.ietf.org/html/draft-sctl-service-registration-00

Service Discovery Broker

- https://tools.ietf.org/html/draft-sctl-discovery-broker-00

Multicast DNS Discovery Relay

https://tools.ietf.org/html/draft-sctl-dnssd-mdns-relay-02

Original idea by Ted Lemon

Original draft-00 submitted July 2017

Update draft-01 submitted October 2017, for this IETF meeting

Updated again as a result of Hackathon work, draft-02, submitted on Monday

Hackathon Report

Many of the regular DNSSD participants not physically present at Singapore meeting

- Christian Huitema, Daniel Kaiser, Tim Chown,
  Tom Pusateri, Kerry Lynn, Toke Høiland-Jørgensen, etc.

So…

- Ted Lemon and Stuart Cheshire got two days of focussed collaboration
- Did some coding
- Did much more debating about the details of what they were coding
- Resulted in substantially updated draft-sctl-dnssd-mdns-relay,
  submitted Monday morning

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