

DNSSD Working Group

# DNS-Based Service Discovery Status Update

Stuart Cheshire, Tom Pusateri, Ted Lemon

106<sup>th</sup> IETF, Singapore, November 2019

# Service Registration Protocol

draft-ietf-dnssd-srp-02

Proposed usage for Thread Group mesh networking

Low power wireless mesh

IEEE 802.15.4 radios

250kb/s

10 m range

Ideal for battery-powered devices

Multicast on this mesh is unreliable and wasteful

# Service Discovery Road Map

draft-cheshire-dnssd-roadmap-03

Document needs to be updated

Intended to be living document that tracks current status

Would love to have co-authors join in on this

# Multicast DNS Discovery Relay

draft-ietf-dnssd-mdns-relay-02

Document needs to be updated in response to feedback from Cisco

Will email working group when draft-03 is submitted

Implementation work proceeding

Would love to work with other implementers

# DNS Push Notifications

draft-ietf-dnssd-push-25

Document complete, ready for publication

Currently awaiting IPR disclosure

Long-Lived Queries (LLQ)

- draft-sekar-dns-llq-06

<https://datatracker.ietf.org/ipr/1234/>

Should be submitted any day now

Will also permit publication of Discovery Proxy in RFC Editor Cluster 367

- draft-ietf-dnssd-hybrid-10

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