dnssd WG

Chairs:

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Minute taker & Jabber relay

- Jabber relay
  - Volunteer please?
  - dnssd room on jabber.ietf.org server

- Minute taker
  - Tim W has kindly volunteered
  - Suggest collaborative use of etherpad-96 link at http://tools.ietf.org/wg/dnssd/minutes

  (others are welcome to help ☺)

WG info

- Charter:
  - http://datatracker.ietf.org/wg/dnssd/charter/

- Status pages for drafts:
  - https://datatracker.ietf.org/wg/dnssd/documents/

- Meeting materials:
  - https://datatracker.ietf.org/meeting/96/materials.html/#dnssd
  -

- Mail list:
  - dnssd@ietf.org
  - To join: https://www.ietf.org/mailman/listinfo/dnssd

Document statuses

Document	Date	Status
Active Internet-Drafts		
draft-ietf-dnssd-hybrid-03 **Hybrid Unicast/Multicast DNS-Based Service Discovery**	2016-02-04 25 pages	I-D Exists WG Document
draft-ietf-dnssd-mdns-dns-interop-03 **On Interoperation of Labels Among Conventional DNS and Other Resolution Systems**	2016-07-03 12 pages	I-D Exists WG Consensus: Waiting for Write-Up: Informational
draft-ietf-dnssd-push-08 **DNS Push Notifications**	2016-07-08 33 pages **New**	I-D Exists WG Document
RFC		
RFC 7558 *(was draft-ietf-dnssd-requirements)* **Requirements for Scalable DNS-Based Service Discovery (DNS-SD) / Multicast DNS (mDNS) Extensions**	2015-07 14 pages	Informational RFC

Document	Date	Status	IPR
Related Internet-Drafts			
draft-huitema-dnssd-privacy-01 **Privacy Extensions for DNS-SD**	2016-06-10 26 pages	I-D Exists	
draft-otis-dnssd-scalable-dns-sd-threats-03 **Scalable DNS-SD (SSD) Threats**	2016-03-17 21 pages	I-D Exists	

Goals for this session

- The main goals of this session are to:
  - Ensure clarity on the split of work on DNS Push
  - Understand work required on co-existence of DNS Update and hybrid proxy approaches
  - Determine necessary guidance for hybrid proxy high-level deployment, and for configuration, in a campus/enterprise context
  - Determine how to progress DNSSD privacy work

Agenda bashing

Chairs' Introduction

Updates to Hybrid Unicast/Multicast DNS-Based Service Discovery
https://tools.ietf.org/html/draft-ietf-dnssd-hybrid-03

Draft review: DNS Push
https://tools.ietf.org/html/draft-ietf-dnssd-push-08

Discussion: DNS Update and mDNS/hybrid proxy coexistence

Discussion: Recommendations for using the hybrid proxy

Draft review: Privacy Extensions for DNS-SD
https://tools.ietf.org/html/draft-huitema-dnssd-privacy-01

Discussion: Other drafts, implementations, and next steps

Close and summary of actions

Chairs, 5 mins

Stuart Cheshire, 5 mins

Tom Pusateri, 10 mins

Ted Lemon, 15 mins

Ralph Droms, 20 mins

Daniel Kaiser, 15 mins

Chairs, 15 mins

Chairs, 5 mins

Hybrid Proxy draft

Current plan is for Stuart to apply updates in August, we'll then confirm that the WG agrees the updates address the points raised at IETF95, and then push the document to the IESG

https://tools.ietf.org/html/draft-ietf-dnssd-hybrid-03

DNS Push

Review: splitting the work, creating a signaling draft to be driven through the dnsop WG

Tom Pusateri, 10 min

https://tools.ietf.org/html/draft-ietf-dnssd-push-08

DNS Update and hybrid proxy

Discussion on co-existence

See related material in Ted Lemon's homenet naming architecture draft

https://tools.ietf.org/html/draft-lemon-homenet-naming-architecture-01#section-3.4

Issues?
Approach?
New draft?

Using the hybrid proxy

Configuration guidance?
(see https://github.com/pusateri/draft-pusateri-hybridproxy-impl/blob/master/draft-pusateri-dnssd-hyp-impl.txt)

Deployment guidance?
What are the tradeoffs?

How do you stitch proxies together in clever ways?
How do you make it usable?   Interface issues?

Privacy for DNS-SD

Draft review

https://tools.ietf.org/html/draft-huitema-dnssd-privacy-01

Taking steps into solution space

Comments on approach?

(see also draft-winfaa-intarea-broadcast-consider-01 ?)

Other drafts

(How) do we progress these?

- draft-otis-dnssd-scalable-dns-sd-threats-03
  - Open questions on list need to be resolved

- draft-ietf-homenet-hybrid-proxy-zeroconf-02
  - Awaiting publication of hybrid proxy draft

- draft-aggarwal-dnssd-optimize-query-00
  - Should we revisit?

Next Steps

- Discussion of next steps