DNSOP @IETF65

DNS Operations WG

Dallas, TX; US

2006-03-21

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Administrivia

- WG mailing list

  `http://darkwing.uoregon.edu/~llynch/dnsop.html`

- WG tools site

  `http://tools.IETF.ORG/wg/dnsop/`

  `http://www.dnsop.org/`

- WG request tracker

- Scribe Jaap Akkerhuis

- Jabber Scribe Wouter Wijngaards

  `xmpp:dnsop@rooms.jabber.ietf.org`

Document Status: RFC published

- RFC 4339: *IPv6 Host Configuration of DNS Server Information Approaches*

Document Status: In or on its way into RFC Ed Queue

- `draft-ietf-dnsop-ipv6-dns-issues-12`

- `draft-ietf-dnsop-dnssec-operational-practices-08`

Document Status: In or past WGLC

- `draft-ietf-dnsop-bad-dns-res-05.txt`

- `draft-ietf-dnsop-serverid-06.txt`

- `draft-huston-6to4-reverse-dns-04.txt`
  WGLC ends 2006-03-24 24:00 UTC

Lingering Drafts (i)

- `draft-ietf-dnsop-inaddr-required`

- Review is missing

- Discussion is circling

- What are the *Open Issues*?

Lingering Drafts (ii)

- `draft-ietf-dnsop-respsize`

- Review is missing

- Draft is expired, new version needed

WG Charter Discussion

The DNS Operations Working Group will develop and review guidelines for the correct, efficient and secure configuration of DNS authoritative servers, resolvers, and DNSSEC validators. Target audiences for those guidelines are zone administrators as well as software developers who provide tools for DNS zone administration or server/resolver/validator configuration.

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WG Charter Discussion (ii)

The group will perform the following activities:

1. develop or review guidelines for chosing zone configuration parameters that affect inter-server or server-resolver communication, including but not limited to SOA RR parameters, TTL values, and glue information

2. develop or review guidelines for any DNSSEC specific operational parameters, such as key length or key validity periods

3. develop or review operational guidelines that address the specifics of IPv4/v6 coexistence and transition

4. review the use of existing DNS frameworks (SRV, DDDS) in other protocols, especially focussing on operational consequences and scalability

Other Internet-Drafts

- `draft-krishnaswamy-dnsop-dnssec-split-view-02`

- `draft-andrews-full-service-resolvers-02`

Open Issues In `draft-andrews-full-service-resolvers-`

1. Should there be a registry?

   (a) If so how to get ON?

   (b) If so how to get OFF?

2. Is the initial list of addresses complete?

v4-list in `draft-andrews-full-service-resolvers-02`

- All of RFC 1918

- `0.IN-ADDR.ARPA /* IPv4 THISNETWORK */`

- `127.IN-ADDR.ARPA /* IPv4 LOOP-BACK NETWORK */`

- `254.169.IN-ADDR.ARPA /* IPv4 LINK LOCAL */`

- `2.0.192.IN-ADDR.ARPA /* IPv4 TEST NET */`

- `255.255.255.255.IN-ADDR.ARPA /* IPv4 BROADCAST */`

v6-list in `draft-andrews-full-service-resolvers-02`

- Local IPv6 Unicast Addresses

  `0.0.0. ... .0.0.0.IP6.ARPA`

  `1.0.0. ... .0.0.0.IP6.ARPA`

- Locally Assigned Local Addresses

  `D.F.IP6.ARPA`

- Link Local Addresses

  `[89AB].E.F.IP6.ARPA`

Current and New Topics

- Measurements on DNSSEC Validation Performance

- *Open Resolvers*

The *Open Recursive Resolvers* Problem

- Is There Work for this WG to do?

- Who is willing to EDIT a document?

I/O with other WGs

- The Universal Deployment of EDNS0

A.O.B.

Thank You!