

DNS Zone Transfer Protocol (AXFR)

draft-ietf-dnsext-axfr-clarify-09.txt

Ed Lewis (editor)

DNSEXT WG

Report at IETF 72

Draft Tracker Detail

- Draft Name: [draft-ietf-dnsexp-axfr-clarify-09.txt](#)
- IESG Discussion: No IESG evaluation record (*next slides)
- Version: 09
- Intended Status: Proposed Standard
- On Next Agenda? No
- Current State: [AD is watching](#)
- Responsible AD: Mark Townsley
- Status Date: 2008-06-06
- Note: 2008-6-6 New editor is Edward Lewis. Issues should have been addressed, working through the editing. Olafur recused, Andrew handling WG for this draft.

Revision History

- 00: March 2000
- 01: November 2000
- 02: June 2001
- 03: July 2001
- 04: March 2002
- 05: November 2002
- 06: January 2008
- 07: February 2008
- 08: June 2008
- 09: July 2008

What happened between November 2002 and January 2008?

IESG Log

- 2002-12-18 AD Evaluation from Publication Requested
- 2003-02-06 Last Call Requested
- 2003-02-10 In Last Call
- 2003-02-27 Waiting for Writeup
- 2003-05-15 AD to express result of IETF last call
- 2004-04-23 **djb raised issues. *AD review found issues***
- 2004-04-23 AD is watching
- 2005-05-26 Dead
- 2008-01-23 AD is watching

"AD review found issues"

- I just became aware of this (Wednesday as I prepared slides)
- Found out there was an email exchange on this in 2004 that I still need to "consume"

Recent editing work

- Targeted a number of people for comments
 - Got a few responses, but not as many as hoped
 - Representing 4 separate implementation teams
 - Energetic review from Alfred H too
- My purpose in stating this, ensure that this is the will of the Working Group

Current editing issues

- Two section 1.4's
 - Assume latter is the one that will stay
- Section 3.2
 - Submitted text hasn't made sense to me
- Comment: *"The defaults on whether to allow a transfer or not are problematic. They sound nice but are impractical."*
 - Such a comment is hard to respond to

Upon starting on AD comments

- The central question "what is in a zone?"
- RFC 1034, 4.2.1:
 - Authoritative data for all nodes within the zone.
 - Data that defines the top node of the zone...
 - Data that describes delegated subzones, ...
 - Data ... called "glue" ...
- Added to this
 - Occluded data from dynamic update and DNAME

What is in a zone?

- My interpretation
 - Even incorrect glue is part of a zone
- What about typo's?
 - What if there's an out of zone (besides occluded) name accidentally inserted into the zone?
 - Should the zone be available for AXFR? Even if it isn't available for queries?

Next steps

- Look to see if we have answered the AD and DJB comments
- "Wait" for more implementer input?
- Soon have a version ready for WGLC
 - That means "with pagination"