BULK
DNS Resource Records

John Woodworth   CenturyLink, Inc.

Dean Ballew   CenturyLink, Inc.

Shashwath Bindinganaveli Raghavan   CenturyLink, Inc.

David C. Lawrence Akamai

Re-Cap: Why BULK?

- Standards based solution (no more hacks)

- Eliminate singleton collisions (wildcard rules)

- Can act *like* a bind $GENERATE yet can easily AXFR

- Can easily manage over 18 quintillion PTR records

  - (18,446,744,073,709,551,616 +)

- Streamline ARIN SWIP (PTR, forward) record support

- Natively Supports DNSSEC

Document Status

Draft version 5

- Community support seems to be good, however, the draft seems to have lost some steam.

- The draft seems to be a bit long, a new revision is in the works (revision 6)

- We are asking for more reviewers, revision 6

- Aiming for a final draft 2Q-2017

Draft Issues to be Addressed:
slated for Draft version 6 (April, 2017)

- Decrease total pages: Unnecessary explanations identified, we will instead:

  - Reference other RFCs 1034, 1035, 973.

- Reformat / reorganize sections / examples for further clarity

- Allow all (non-DNSSEC) Record Types

- Allow for binary host names to accommodate IDN, punycode

- NPN could be punted to another RFC draft if deemed appropriate by the IETF community