



redhat.

draft-ietf-dnsop-delegation-only-01

IETF 108 Online
July 29, 2020

Paul Wouters, RHEL Security

DELEGATION_ONLY DNSKEY flag:

- 1) Public commitment by parent to be a delegation-only zone to prevent rogue parents from deep-signing child data.
 - Publish commitment via DNSKEY flag
- 2) Support DNSSEC transparency

Changes between -00 and -01

This document introduces a new DNSKEY flag called DELEGATION_ONLY that indicates that this zone will only produce delegation responses for data outside of its own apex (or underscore labels). That is, the Answer Section for queries that do not involve the apex (or underscore labels) of the zone is empty, and only glue records in the Authority Section and Additional Section will be acceptable data in the response message.

No longer talks about dots or zone cuts, but talk about Answers (vs glue)

Empty Non-Terminals (ENT) are no longer an issue