NAME

    ldns-compare-zones - read and compare two zonefiles and print differences

SYNOPSIS

    ldns-compare-zones *[-c] [-U] [-u] [-i] [-d] [-z] [-s] ZONEFILE1 ZONEFILE2*

DESCRIPTION

    ldns-compare-zones reads two DNS zone files and prints number of differences.
    Output is formatted to:

        +NUM_INS   -NUM_DEL   ~NUM_CHG

    Except with the *-U* or *-u* option. Then the output is formatted to:

        +NUM_INS   -NUM_DEL   ~NUM_CHG   =NUM_EQ

    The major comparison is based on the owner name. If an owner name is present in zonefile 1, but not
    in zonefile 2, the resource records with this owner name are considered deleted, and counted as
    NUM_DEL. If an owner name is present in zonefile 2, but not in zonefile 1, the resource records with
    this owner name are considered inserted, and counted as NUM_INS. If an owner name is present in
    both, but there is a difference in the amount or content of the records, these are considered changed,
    and counted as NUM_CHG.

OPTIONS

    -c   Print resource records whose owner names are in both zone files, but with different resource
        records. (a.k.a. changed)

    -U From resource records whose owner names are in both zone files, but with different resource
        records, print the unchanged records too (a.k.a. changed++).

    -u   Print resource records whose owner names are in both zone files, and which resource records are
        the same. (a.k.a. unchanged)

    -i   Print resource records whose owner names are present only in ZONEFILE2 (a.k.a. inserted)

    -d   Print resource records whose owner names are present only in ZONEFILE1 (a.k.a. deleted)

    -a   Print all changes (except unchanged). Specifying this option is the same as specifying -c -i and -d.

    -z   Suppress zone sorting; this option is not recommended; it can cause records to be incorrectly
        marked as changed, depending of the nature of the changes.

-s   Do not exclude the SOA record from the comparison. The SOA record may then show up as changed due to a new serial number. Off by default since you may be interested to know if (other zone apex elements) have changed.

-e   Exit with status code 2 when zones differ.

-h   Show usage and exit

-v   Show the version and exit

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REPORTING BUGS
Report bugs to <ondrej@sury.org>.

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