Red Hat Enterprise Linux Release 9.2 Manual Pages on 'nsec3hash.8' command

$ man nsec3hash.8

NSEC3HASH(8)   BIND 9   NSEC3HASH(8)

NAME

    nsec3hash - generate NSEC3 hash

SYNOPSIS

    nsec3hash {salt} {algorithm} {iterations} {domain}

    nsec3hash -r {algorithm} {flags} {iterations} {salt} {domain}

DESCRIPTION

    nsec3hash generates an NSEC3 hash based on a set of NSEC3 parameters.

    This can be used to check the validity of NSEC3 records in a signed

    zone.

    If this command is invoked as nsec3hash -r, it takes arguments in or?

    der, matching the first four fields of an NSEC3 record followed by the

    domain name: algorithm, flags, iterations, salt, domain. This makes it

    convenient to copy and paste a portion of an NSEC3 or NSEC3PARAM record

    into a command line to confirm the correctness of an NSEC3 hash.

ARGUMENTS

    salt   This is the salt provided to the hash algorithm.

    algorithm

        This is a number indicating the hash algorithm. Currently the

        only supported hash algorithm for NSEC3 is SHA-1, which is indi?

        cated by the number 1; consequently "1" is the only useful value

        for this argument.

    flags This is provided for compatibility with NSEC3 record presenta?

tion format, but is ignored since the flags do not affect the

hash.

iterations

This is the number of additional times the hash should be per?

formed.

domain This is the domain name to be hashed.

SEE ALSO

BIND 9 Administrator Reference Manual, RFC 5155.

AUTHOR

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