

**NAME**

ldns\_dnssec\_verify\_denial, ldns\_dnssec\_verify\_denial\_nsec3 - verify denial of existence

**SYNOPSIS**

```
#include <stdint.h>
```

```
#include <stdbool.h>
```

```
#include <ldns/ldns.h>
```

```
ldns_status ldns_dnssec_verify_denial(ldns_rr *rr, ldns_rr_list *nsecs, ldns_rr_list *rrsigs);
```

```
ldns_status ldns_dnssec_verify_denial_nsec3(ldns_rr *rr, ldns_rr_list *nsecs, ldns_rr_list *rrsigs,  
ldns_pkt_rcode packet_rcode, ldns_rr_type packet_qtype, bool packet_nodata);
```

**DESCRIPTION**

*ldns\_dnssec\_verify\_denial()* denial is not just a river in egypt

**rr**: The (query) RR to check the denial of existence for

**nsecs**: The list of NSEC RRs that are supposed to deny the existence of the RR

**rrsigs**: The RRSIG RR covering the NSEC RRs

Returns LDNS\_STATUS\_OK if the NSEC RRs deny the existence, error code containing the reason they do not otherwise

*ldns\_dnssec\_verify\_denial\_nsec3()* Denial of existence using NSEC3 records Since NSEC3 is a bit more complicated than normal denial, some context arguments are needed

**rr**: The (query) RR to check the denial of existence for

**nsecs**: The list of NSEC3 RRs that are supposed to deny the existence of the RR

**rrsigs**: The RRSIG rr covering the NSEC RRs

**packet\_rcode**: The RCODE value of the packet that provided the NSEC3 RRs

**packet\_qtype**: The original query RR type

**packet\_nodata**: True if the providing packet had an empty ANSWER section

Returns LDNS\_STATUS\_OK if the NSEC3 RRs deny the existence, error code containing the reason they do not otherwise

**AUTHOR**

The ldns team at NLnet Labs.

**REPORTING BUGS**

Please report bugs to [ldns-team@nlnetlabs.nl](mailto:ldns-team@nlnetlabs.nl) or in our bugzilla at <http://www.nlnetlabs.nl/bugs/index.html>

**COPYRIGHT**

Copyright (c) 2004 - 2006 NLnet Labs.

Licensed under the BSD License. There is NO warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

**SEE ALSO**

*ldns\_dnssec\_trust\_tree*, *ldns\_dnssec\_data\_chain*. And **perldoc Net::DNS**, **RFC1034**, **RFC1035**, **RFC4033**, **RFC4034** and **RFC4035**.

**REMARKS**

This manpage was automatically generated from the ldns source code.