

**NAME**

ldns\_zone\_sign, ldns\_zone\_sign\_nsec3 - dnssec sign a zone

**SYNOPSIS**

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

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

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

```
ldns_zone* ldns_zone_sign(const ldns_zone *zone, ldns_key_list *key_list);
```

```
ldns_zone* ldns_zone_sign_nsec3(ldns_zone *zone, ldns_key_list *key_list, uint8_t algorithm, uint8_t flags, uint16_t iterations, uint8_t salt_length, uint8_t *salt);
```

**DESCRIPTION**

*ldns\_zone\_sign()* Signs the zone, and returns a newly allocated signed zone

**zone:** the zone to sign

**key\_list:** list of keys to sign with

Returns signed zone

*ldns\_zone\_sign\_nsec3()* Signs the zone with NSEC3, and returns a newly allocated signed zone

**zone:** the zone to sign

**key\_list:** list of keys to sign with

**algorithm:** the NSEC3 hashing algorithm to use

**flags:** NSEC3 flags

**iterations:** the number of NSEC3 hash iterations to use

**salt\_length:** the length (in octets) of the NSEC3 salt

**salt:** the NSEC3 salt data

Returns signed zone

**AUTHOR**

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**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>

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**SEE ALSO**

**perldoc Net::DNS, RFC1034, RFC1035, RFC4033, RFC4034 and RFC4035.**

**REMARKS**

This manpage was automatically generated from the ldns source code.