#### **NAME**

ldns\_sign\_public\_dsa, ldns\_sign\_public\_rsamd5, ldns\_sign\_public\_rsasha1 - sign buffer

#### **SYNOPSIS**

```
#include <stdint.h>
#include <stdbool.h>
#include <ldns/ldns.h>
ldns_rdf* ldns_sign_public_dsa(ldns_buffer *to_sign, DSA *key);
ldns_rdf* ldns_sign_public_rsamd5(ldns_buffer *to_sign, RSA *key);
ldns_rdf* ldns_sign_public_rsasha1(ldns_buffer *to_sign, RSA *key);
```

## **DESCRIPTION**

ldns\_sign\_public\_dsa() Sign a buffer with the DSA key (hash with SHA1)

to\_sign: The ldns\_buffer containing raw data that is to be signed

**key**: The DSA key structure to sign with Returns a ldns\_rdf for the RRSIG ldns\_rr

ldns\_sign\_public\_rsamd5() Sign a buffer with the RSA key (hash with MD5)

to\_sign: buffer with the data

key: the key to use

Returns a ldns\_rdf with the signed data

ldns\_sign\_public\_rsasha1() Sign a buffer with the RSA key (hash with SHA1)

to\_sign: buffer with the data

key: the key to use

Returns a ldns\_rdf with the signed data

### **AUTHOR**

The ldns team at NLnet Labs.

#### REPORTING BUGS

Please report bugs to ldns-team@nlnetlabs.nl or in our bugzilla at http://www.nlnetlabs.nl/bugs/index.html

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# **SEE ALSO**

ldns\_sign\_public. And perldoc Net::DNS, RFC1034, RFC1035, RFC4033, RFC4034 and RFC4035.

## **REMARKS**

This manpage was automatically generated from the ldns source code.