

NAME

Net::DNS::SEC::EdDSA – DNSSEC EdDSA digital signature algorithm

SYNOPSIS

```
require Net::DNS::SEC::EdDSA;

$signature = Net::DNS::SEC::EdDSA->sign( $sigdata, $private );

$valuated = Net::DNS::SEC::EdDSA->verify( $sigdata, $keyrr, $sigbin );
```

DESCRIPTION

Implementation of EdDSA Edwards curve digital signature generation and verification procedures.

sign

```
$signature = Net::DNS::SEC::EdDSA->sign( $sigdata, $private );
```

Generates the wire-format signature from the sigdata octet string and the appropriate private key object.

verify

```
$valuated = Net::DNS::SEC::EdDSA->verify( $sigdata, $keyrr, $signature );
```

Verifies the signature over the sigdata octet string using the specified public key resource record.

ACKNOWLEDGMENT

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SEE ALSO

Net::DNS, Net::DNS::SEC, RFC8032, RFC8080, OpenSSL <<http://www.openssl.org/docs>>