**NAME**

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

**SYNOPSIS**

```
require Net::DNS::SEC::RSA;

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

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

**DESCRIPTION**

Implementation of RSA digital signature generation and verification procedures.

**sign**

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

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

**verify**

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

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, RFC8017, RFC3110, OpenSSL <http://www.openssl.org/docs>