



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'Net::DNS::SEC::Private.3pm'***

**C:\>man Net::DNS::SEC::Private.3pm**

Net::DNS::SEC::Private(3pm) User Contributed Perl DocumentationNet::DNS::SEC::Private(3pm)

### NAME

Net::DNS::SEC::Private - DNSSEC Private key object

### SYNOPSIS

```
use Net::DNS::SEC::Private;
```

```
$private = new Net::DNS::SEC::Private( $keypath );
```

```
$private = new Net::DNS::SEC::Private(  
    'algorithm' => '13',  
    'keytag'    => '26512',  
    'privatekey' => 'h/mc+iq9VDUbNAjQgi8S8JzlEX29IALchwJmNM3QYKk=',  
    'signature' => 'example.com.'  
);
```

### DESCRIPTION

Class representing private keys as read from a keyfile generated by BIND dnssec-keygen. The class is written to be used only in the context of the Net::DNS::RR::RRSIG create method. This class is not designed to interact with any other system.

## METHODS

new (from private keyfile)

```
$keypath = '/home/foo/Kexample.com.+013+26512.private';  
$private = new Net::DNS::SEC::Private( $keypath );
```

The argument is the full path to a private key file generated by the BIND dnssec-keygen tool. Note that the filename contains information about the algorithm and keytag.

new (from private key parameters)

```
$private = new Net::DNS::SEC::Private(  
    'algorithm' => '13',  
    'keytag'    => '26512',  
    'privatekey' => 'h/mc+iq9VDUbnAjQgi8S8JzIEX29IALchwJmNM3QYKk=',  
    'signame'   => 'example.com.'  
);
```

The arguments define the private key parameters as (name,value) pairs. The name and data representation are identical to that used in a BIND private keyfile.

private\_key\_format

```
$format = $private->private_key_format;
```

Returns a string which identifies the format of the private key file.

algorithm, keytag, signame

```
$algorithm = $private->algorithm;  
$keytag    = $private->keytag;  
$signame   = $private->signame;
```

Returns the corresponding attribute determined from the filename.

## Private key attributes

```
$attribute = $private->attribute;
```

Returns the value as it appears in the private key file. The attribute names correspond to the tag in the key file, modified to form an acceptable Perl subroutine name.

## created, publish, activate

```
$created = $private->created;
```

```
$publish = $private->publish;
```

```
$activate = $private->activate;
```

Returns a string which represents a date in the form 20141212123456. Returns undefined value for key formats older than v1.3.

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SEE ALSO

perl, Net::DNS, Net::DNS::SEC, Net::DNS::RR::DNSKEY, Net::DNS::RR::RRSIG

perl v5.30.0

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