



## ***Linux Ubuntu 22.4.5 Manual Pages on command 'Net::DNS::RR::DNSKEY.3pm'***

***\$ man Net::DNS::RR::DNSKEY.3pm***

Net::DNS::RR::DNSKEY(3pm) User Contributed Perl Documentation Net::DNS::RR::DNSKEY(3pm)

### NAME

Net::DNS::RR::DNSKEY - DNS DNSKEY resource record

### SYNOPSIS

```
use Net::DNS;
```

```
$rr = new Net::DNS::RR('name DNSKEY flags protocol algorithm publickey');
```

### DESCRIPTION

Class for DNSSEC Key (DNSKEY) resource records.

### METHODS

The available methods are those inherited from the base class augmented by the type-specific methods defined in this package.

Use of undocumented package features or direct access to internal data structures is discouraged and could result in program termination or other unpredictable behaviour.

#### flags

```
$flags = $rr->flags;
```

```
$rr->flags( $flags );
```

Unsigned 16-bit number representing Boolean flags.

#### zone

```
$rr->zone(1);
```

```
if ( $rr->zone ) {
```

...

```
}
```

Boolean Zone flag.

revoke

```
$rr->revoke(1);  
if ( $rr->revoke ) {  
    ...  
}
```

Boolean Revoke flag.

sep

```
$rr->sep(1);  
if ( $rr->sep ) {  
    ...  
}
```

Boolean Secure Entry Point flag.

protocol

```
$protocol = $rr->protocol;  
$rr->protocol( $protocol );
```

The 8-bit protocol number. This field MUST have value 3.

algorithm

```
$algorithm = $rr->algorithm;  
$rr->algorithm( $algorithm );
```

The 8-bit algorithm number describes the public key algorithm.

algorithm() may also be invoked as a class method or simple function to perform mnemonic and numeric code translation.

publickey

key

```
$key = $rr->key;  
$rr->key( $key );
```

Base64 representation of the public key material.

keybin

```
$keybin = $rr->keybin;  
$rr->keybin( $keybin );
```

Opaque octet string representing the public key material.

privatekeyname

```
$privatekeyname = $rr->privatekeyname;
```

Returns the name of the privatekey as it would be generated by the BIND dnssec-keygen program. The format of that name being:

```
K<fqdn>+<algorithm>+<keyid>.private
```

signame

Returns the canonical signer name of the privatekey.

keylength

Returns the length (in bits) of the modulus calculated from the key text.

keytag

```
print "keytag = ", $rr->keytag, "\n";
```

Returns the 16-bit numerical key tag of the key. (RFC2535 4.1.6)

## COPYRIGHT

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## SEE ALSO

perl, Net::DNS, Net::DNS::RR, RFC4034, RFC3755

Algorithm Numbers <<http://www.iana.org/assignments/dns-sec-alg-numbers>>