

NAME

Net::DNS::RR::NSEC3PARAM – DNS NSEC3PARAM resource record

SYNOPSIS

```
use Net::DNS;
$rr = new Net::DNS::RR('name NSEC3PARAM algorithm flags iterations salt');
```

DESCRIPTION

Class for DNSSEC NSEC3PARAM resource records.

The NSEC3PARAM RR contains the NSEC3 parameters (hash algorithm, flags, iterations and salt) needed to calculate hashed ownernames.

The presence of an NSEC3PARAM RR at a zone apex indicates that the specified parameters may be used by authoritative servers to choose an appropriate set of NSEC3 records for negative responses.

The NSEC3PARAM RR is not used by validators or resolvers.

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.

algorithm

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

The Hash Algorithm field is represented as an unsigned decimal integer. The value has a maximum of 255.

flags

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

The Flags field is represented as an unsigned decimal integer. The value has a maximum of 255.

iterations

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

The Iterations field is represented as an unsigned decimal integer. The value is between 0 and 65535, inclusive.

salt

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

The Salt field is represented as a contiguous sequence of hexadecimal digits. A “–” (unquoted) is used in string format to indicate that the salt field is absent.

saltbin

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

The Salt field as a sequence of octets.

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SEE ALSO

perl, Net::DNS, Net::DNS::RR, RFC5155