NAME

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

SYNOPSIS

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

DESCRIPTION

Class for DNS Address (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.

METHODS

hashalgo

Reads and sets the hashalgo (hash algorithm) attribute.

flags

Reads and sets the flag field. Check the IANA registry for valid values. At the time of code release the only defined value was 0x00

iterations

Reads and sets the iterations field

salt

Reads and sets the salt value. Accepts and returns a string with a number in hexadecimal notation.

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Acknowledgements to Roy Arends who made a test version for this class and whose code I've looked at before writing this module.

SEE ALSO

http://www.net–dns.org/   <http://www.net-dns.org/>
http://tools.ietf.org/wg/dnsext/draft–ietf–dnsext–nsec3   <http://tools.ietf.org/wg/dnsext/draft-ietf-dnsext-nsec3> Net::DNS::RR::NSEC3,

perl (1), Net::DNS, Net::DNS::Resolver, Net::DNS::Packet, Net::DNS::Header, Net::DNS::Question, Net::DNS::RR, RFC4033, RFC4034, RFC4035, RFC 5155