

NAME

Net::DNS::RR::SMIMEA – DNS SMIMEA resource record

SYNOPSIS

```
use Net::DNS;
$rr = new Net::DNS::RR('name SMIMEA usage selector matchingtype certificate')
```

DESCRIPTION

The SMIMEA DNS resource record (RR) is used to associate an end entity certificate or public key with the associated email address, thus forming a “SMIMEA certificate association”. The semantics of how the SMIMEA RR is interpreted are described in RFC6698.

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.

usage

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

8-bit integer value which specifies the provided association that will be used to match the certificate.

selector

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

8-bit integer value which specifies which part of the certificate presented by the server will be matched against the association data.

matchingtype

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

8-bit integer value which specifies how the certificate association is presented.

certificate**cert**

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

Hexadecimal representation of the certificate data.

certbin

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

Binary representation of the certificate data.

babble

```
print $rr->babble;
```

The **babble()** method returns the ‘BubbleBabble’ representation of the digest if the Digest::BubbleBabble package is available, otherwise an empty string is returned.

BubbleBabble represents a message digest as a string of plausible words, to make the digest easier to verify. The “words” are not necessarily real words, but they look more like words than a string of hex characters.

The ‘BubbleBabble’ string is appended as a comment when the string method is called.

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SEE ALSO

perl, Net::DNS, Net::DNS::RR, RFC8162, RFC6698