

NAME

Net::DNS::RR::TLSA – DNS TLSA resource record

SYNOPSIS

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

DESCRIPTION

The Transport Layer Security Authentication (TLSA) DNS resource record is used to associate a TLS server certificate or public key with the domain name where the record is found, forming a “TLSA certificate association”. The semantics of how the TLSA 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 presented in the TLS handshake.

selector

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

8-bit integer value which specifies which part of the TLS 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, RFC6698