

**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