

**NAME**

SSL\_CTX\_set\_ssl\_version, SSL\_set\_ssl\_method, SSL\_get\_ssl\_method - choose a new TLS/SSL method

**SYNOPSIS**

```
#include <openssl/ssl.h>
```

```
int SSL_CTX_set_ssl_version(SSL_CTX *ctx, const SSL_METHOD *method);  
int SSL_set_ssl_method(SSL *s, const SSL_METHOD *method);  
const SSL_METHOD *SSL_get_ssl_method(SSL *ssl);
```

**DESCRIPTION**

*SSL\_CTX\_set\_ssl\_version()* sets a new default TLS/SSL **method** for SSL objects newly created from this **ctx**. SSL objects already created with *SSL\_new(3)* are not affected, except when *SSL\_clear(3)* is being called.

*SSL\_set\_ssl\_method()* sets a new TLS/SSL **method** for a particular **ssl** object. It may be reset, when *SSL\_clear()* is called.

*SSL\_get\_ssl\_method()* returns a function pointer to the TLS/SSL method set in **ssl**.

**NOTES**

The available **method** choices are described in *SSL\_CTX\_new(3)*.

When *SSL\_clear(3)* is called and no session is connected to an SSL object, the method of the SSL object is reset to the method currently set in the corresponding SSL\_CTX object.

**RETURN VALUES**

The following return values can occur for *SSL\_CTX\_set\_ssl\_version()* and *SSL\_set\_ssl\_method()*:

- 0 The new choice failed, check the error stack to find out the reason.
- 1 The operation succeeded.

**SEE ALSO**

*SSL\_CTX\_new(3)*, *SSL\_new(3)*, *SSL\_clear(3)*, *ssl(3)*, *SSL\_set\_connect\_state(3)*

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