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Rocky Enterprise Linux 9.2 Manual Pages on command 'SSL_SESSION_get_protocol_version.3ossl'

```
$ man SSL_SESSION_get_protocol_version.3ossl
```

```
SSL_SESSION_GET_PROTOCOL_VERSION(3osOpeSSL_SESSION_GET_PROTOCOL_VERSION(3ossl)
```

NAME

SSL_SESSION_get_protocol_version, SSL_SESSION_set_protocol_version -
get and set the session protocol version

SYNOPSIS

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

```
int SSL_SESSION_get_protocol_version(const SSL_SESSION *s);
```

```
int SSL_SESSION_set_protocol_version(SSL_SESSION *s, int version);
```

DESCRIPTION

SSL_SESSION_get_protocol_version() returns the protocol version number used by session s.

SSL_SESSION_set_protocol_version() sets the protocol version associated with the SSL_SESSION object s to the value version. This value should

be a version constant such as `TLS1_3_VERSION` etc. For example, this could be used to set up a session based PSK (see `SSL_CTX_set_psk_use_session_callback(3)`).

RETURN VALUES

`SSL_SESSION_get_protocol_version()` returns a number indicating the protocol version used for the session; this number matches the constants e.g. `TLS1_VERSION`, `TLS1_2_VERSION` or `TLS1_3_VERSION`.

Note that the `SSL_SESSION_get_protocol_version()` function does not perform a null check on the provided session s pointer.

`SSL_SESSION_set_protocol_version()` returns 1 on success or 0 on failure.

SEE ALSO

`ssl(7)`, `SSL_CTX_set_psk_use_session_callback(3)`

HISTORY

The `SSL_SESSION_get_protocol_version()` function was added in OpenSSL 1.1.0. The `SSL_SESSION_set_protocol_version()` function was added in OpenSSL 1.1.1.

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