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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