NAME

SSL_SESSION_get_time, SSL_SESSION_set_time, SSL_SESSION_get_timeout,
SSL_SESSION_set_timeout, SSL_get_time, SSL_set_time, SSL_get_timeout, SSL_set_timeout -
retrieve and manipulate session time and timeout settings

SYNOPSIS

#include <openssl/ssl.h>

long SSL_SESSION_get_time(const SSL_SESSION *s);
long SSL_SESSION_set_time(SSL_SESSION *s, long tm);
long SSL_SESSION_get_timeout(const SSL_SESSION *s);
long SSL_SESSION_set_timeout(SSL_SESSION *s, long tm);

long SSL_get_time(const SSL_SESSION *s);
long SSL_set_time(SSL_SESSION *s, long tm);
long SSL_get_timeout(const SSL_SESSION *s);
long SSL_set_timeout(SSL_SESSION *s, long tm);

DESCRIPTION

SSL_SESSION_get_time() returns the time at which the session **s** was established. The time is given in
seconds since the Epoch and therefore compatible to the time delivered by the **time()** call.

SSL_SESSION_set_time() replaces the creation time of the session **s** with the chosen value **tm**.

SSL_SESSION_get_timeout() returns the timeout value set for session **s** in seconds.

SSL_SESSION_set_timeout() sets the timeout value for session **s** in seconds to **tm**.

The **SSL_get_time()**, **SSL_set_time()**, **SSL_get_timeout()**, and **SSL_set_timeout()** functions are
synonyms for the SSL_SESSION_*() counterparts.

NOTES

Sessions are expired by examining the creation time and the timeout value. Both are set at creation
time of the session to the actual time and the default timeout value at creation, respectively, as set by
SSL_CTX_set_timeout(3). Using these functions it is possible to extend or shorten the lifetime of the
session.

RETURN VALUES

SSL_SESSION_get_time() and **SSL_SESSION_get_timeout()** return the currently valid values.

SSL_SESSION_set_time() and **SSL_SESSION_set_timeout()** return 1 on success.

If any of the function is passed the NULL pointer for the session **s**, 0 is returned.

SEE ALSO

ssl(7), **SSL_CTX_set_timeout**(3), **SSL_get_default_timeout**(3)

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