



Full credit is given to the above companies including the OS that this PDF file was generated!

Red Hat Enterprise Linux Release 9.2 Manual Pages on 'SSL_CTX_sess_get_cache_size.3ossl' command

`$ man SSL_CTX_sess_get_cache_size.3ossl`

`SSL_CTX_SESS_SET_CACHE_SIZE(3ossl)` OpenSSL `SSL_CTX_SESS_SET_CACHE_SIZE(3ossl)`

NAME

`SSL_CTX_sess_set_cache_size`, `SSL_CTX_sess_get_cache_size` - manipulate session cache size

SYNOPSIS

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

long SSL_CTX_sess_set_cache_size(SSL_CTX *ctx, long t);

long SSL_CTX_sess_get_cache_size(SSL_CTX *ctx);
```

DESCRIPTION

`SSL_CTX_sess_set_cache_size()` sets the size of the internal session cache of context `ctx` to `t`. This value is a hint and not an absolute; see the notes below.

`SSL_CTX_sess_get_cache_size()` returns the currently valid session cache size.

NOTES

The internal session cache size is `SSL_SESSION_CACHE_MAX_SIZE_DEFAULT`, currently `1024*20`, so that up to 20000 sessions can be held. This size can be modified using the `SSL_CTX_sess_set_cache_size()` call. A special case is the size 0, which is used for unlimited size.

If adding the session makes the cache exceed its size, then unused sessions are dropped from the end of the cache. Cache space may also be reclaimed by calling `SSL_CTX_flush_sessions(3)` to remove expired sessions.

If the size of the session cache is reduced and more sessions are already in the session cache, old session will be removed at the next time a session shall be added. This removal is not synchronized with the expiration of sessions.

RETURN VALUES

SSL_CTX_sess_set_cache_size() returns the previously valid size.

SSL_CTX_sess_get_cache_size() returns the currently valid size.

SEE ALSO

ssl(7), SSL_CTX_set_session_cache_mode(3), SSL_CTX_sess_number(3),
SSL_CTX_flush_sessions(3)

COPYRIGHT

Copyright 2001-2016 The OpenSSL Project Authors. All Rights Reserved.
Licensed under the Apache License 2.0 (the "License"). You may not use
this file except in compliance with the License. You can obtain a copy
in the file LICENSE in the source distribution or at
<<https://www.openssl.org/source/license.html>>.

3.0.7 2023-07-13 SSL_CTX_SESS_SET_CACHE_SIZE(3openssl)