



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

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

\$ man SSL_free.3ossl

SSL_FREE(3ossl) OpenSSL SSL_FREE(3ossl)

NAME

SSL_free - free an allocated SSL structure

SYNOPSIS

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

```
void SSL_free(SSL *ssl);
```

DESCRIPTION

SSL_free() decrements the reference count of ssl, and removes the SSL structure pointed to by ssl and frees up the allocated memory if the reference count has reached 0. If ssl is NULL nothing is done.

NOTES

SSL_free() also calls the free()ing procedures for indirectly affected items, if applicable: the buffering BIO, the read and write BIOs,

cipher lists specially created for this ssl, the SSL_SESSION. Do not explicitly free these indirectly freed up items before or after calling SSL_free(), as trying to free things twice may lead to program failure.

The ssl session has reference counts from two users: the SSL object, for which the reference count is removed by SSL_free() and the internal session cache. If the session is considered bad, because SSL_shutdown(3) was not called for the connection and SSL_set_shutdown(3) was not used to set the SSL_SENT_SHUTDOWN state, the session will also be removed from the session cache as required by RFC2246.

RETURN VALUES

SSL_free() does not provide diagnostic information.

SSL_new(3), SSL_clear(3), SSL_shutdown(3), SSL_set_shutdown(3), ssl(7)

COPYRIGHT

Copyright 2000-2016 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_FREE(3ossl)