



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_CTX_set_quiet_shutdown.3ossl'

\$ man SSL_CTX_set_quiet_shutdown.3ossl

SSL_CTX_SET_QUIET_SHUTDOWN(3ossl) OpenSSL SSL_CTX_SET_QUIET_SHUTDOWN(3ossl)

NAME

SSL_CTX_set_quiet_shutdown, SSL_CTX_get_quiet_shutdown,
SSL_set_quiet_shutdown, SSL_get_quiet_shutdown - manipulate shutdown
behaviour

SYNOPSIS

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

void SSL_CTX_set_quiet_shutdown(SSL_CTX *ctx, int mode);

int SSL_CTX_get_quiet_shutdown(const SSL_CTX *ctx);

void SSL_set_quiet_shutdown(SSL *ssl, int mode);

int SSL_get_quiet_shutdown(const SSL *ssl);
```

DESCRIPTION

SSL_CTX_set_quiet_shutdown() sets the "quiet shutdown" flag for ctx to be mode. SSL objects created from ctx inherit the mode valid at the time SSL_new(3) is called. mode may be 0 or 1.

SSL_CTX_get_quiet_shutdown() returns the "quiet shutdown" setting of ctx.

SSL_set_quiet_shutdown() sets the "quiet shutdown" flag for ssl to be

mode. The setting stays valid until `ssl` is removed with `SSL_free(3)` or `SSL_set_quiet_shutdown()` is called again. It is not changed when `SSL_clear(3)` is called. `mode` may be 0 or 1.

`SSL_get_quiet_shutdown()` returns the "quiet shutdown" setting of `ssl`.

NOTES

Normally when a SSL connection is finished, the parties must send out `close_notify` alert messages using `SSL_shutdown(3)` for a clean shutdown.

When setting the "quiet shutdown" flag to 1, `SSL_shutdown(3)` will set the internal flags to `SSL_SENT_SHUTDOWN|SSL_RECEIVED_SHUTDOWN`. (`SSL_shutdown(3)` then behaves like `SSL_set_shutdown(3)` called with `SSL_SENT_SHUTDOWN|SSL_RECEIVED_SHUTDOWN`.) The session is thus considered to be shutdown, but no `close_notify` alert is sent to the peer. This behaviour violates the TLS standard.

The default is normal shutdown behaviour as described by the TLS standard.

RETURN VALUES

`SSL_CTX_set_quiet_shutdown()` and `SSL_set_quiet_shutdown()` do not return diagnostic information.

`SSL_CTX_get_quiet_shutdown()` and `SSL_get_quiet_shutdown` return the current setting.

SEE ALSO

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

COPYRIGHT

Copyright 2001-2018 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_SET_QUIET_SHUTDOWN(3)`(`ssl`)