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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'SSL\_get\_quiet\_shutdown.3ossl'***

***\$ man SSL\_get\_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)`

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