



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_set_retry_verify.3ossl'

\$ man SSL_set_retry_verify.3ossl

SSL_SET_RETRY_VERIFY(3ossl) OpenSSL SSL_SET_RETRY_VERIFY(3ossl)

NAME

SSL_set_retry_verify - indicate that certificate verification should be
retried

SYNOPSIS

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

```
int SSL_set_retry_verify(SSL *ssl);
```

DESCRIPTION

SSL_set_retry_verify() should be called from the certificate verification callback on a client when the application wants to indicate that the handshake should be suspended and the control should be returned to the application. SSL_want_retry_verify(3) will return 1 as a consequence until the handshake is resumed again by the application, retrying the verification step.

Please refer to `SSL_CTX_set_cert_verify_callback(3)` for further details.

NOTES

The effect of calling `SSL_set_retry_verify()` outside of the certificate verification callback on the client side is undefined.

RETURN VALUES

`SSL_set_retry_verify()` returns 1 on success, 0 otherwise.

EXAMPLES

The following code snippet shows how to obtain the SSL object associated with the `X509_STORE_CTX` to call the `SSL_set_retry_verify()` function:

```
int idx = SSL_get_ex_data_X509_STORE_CTX_idx();
SSL *ssl;

/* this should not happen but check anyway */
if (idx < 0
    || (ssl = X509_STORE_CTX_get_ex_data(ctx, idx)) == NULL)
    return 0;

if (/* we need to retry verification callback */)
    return SSL_set_retry_verify(ssl);

/* do normal processing of the verification callback */
```

SEE ALSO

`ssl(7)`, `SSL_connect(3)`, `SSL_CTX_set_cert_verify_callback(3)`,
`SSL_want_retry_verify(3)`

HISTORY

SSL_set_retry_verify() was added in OpenSSL 3.0.2 to replace backwards incompatible handling of a negative return value from the verification callback.

COPYRIGHT

Copyright 2022 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_SET_RETRY_VERIFY(3ossl)