



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_set_retry_verify.3ossl' command

```
$ 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.

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)