



*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\_CONF\_CTX\_clear\_flags.3ossil'***

***\$ man SSL\_CONF\_CTX\_clear\_flags.3ossil***

SSL\_CONF\_CTX\_SET\_FLAGS(3ossil)    OpenSSL    SSL\_CONF\_CTX\_SET\_FLAGS(3ossil)

#### NAME

SSL\_CONF\_CTX\_set\_flags, SSL\_CONF\_CTX\_clear\_flags - Set or clear SSL configuration context flags

#### SYNOPSIS

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

unsigned int SSL_CONF_CTX_set_flags(SSL_CONF_CTX *cctx, unsigned int flags);
unsigned int SSL_CONF_CTX_clear_flags(SSL_CONF_CTX *cctx, unsigned int flags);
```

#### DESCRIPTION

The function SSL\_CONF\_CTX\_set\_flags() sets flags in the context cctx.

The function SSL\_CONF\_CTX\_clear\_flags() clears flags in the context cctx.

#### NOTES

The flags set affect how subsequent calls to SSL\_CONF\_cmd() or SSL\_CONF\_argv() behave.

Currently the following flags values are recognised:

SSL\_CONF\_FLAG\_CMDLINE, SSL\_CONF\_FLAG\_FILE

recognise options intended for command line or configuration file

use. At least one of these flags must be set.

#### SSL\_CONF\_FLAG\_CLIENT, SSL\_CONF\_FLAG\_SERVER

recognise options intended for use in SSL/TLS clients or servers.

One or both of these flags must be set.

#### SSL\_CONF\_FLAG\_CERTIFICATE

recognise certificate and private key options.

#### SSL\_CONF\_FLAG\_REQUIRE\_PRIVATE

If this option is set then if a private key is not specified for a certificate it will attempt to load a private key from the certificate file when `SSL_CONF_CTX_finish()` is called. If a key cannot be loaded from the certificate file an error occurs.

#### SSL\_CONF\_FLAG\_SHOW\_ERRORS

indicate errors relating to unrecognised options or missing arguments in the error queue. If this option isn't set such errors are only reflected in the return values of `SSL_CONF_set_cmd()` or `SSL_CONF_set_argv()`

#### RETURN VALUES

`SSL_CONF_CTX_set_flags()` and `SSL_CONF_CTX_clear_flags()` returns the new flags value after setting or clearing flags.

#### SEE ALSO

`ssl(7)`, `SSL_CONF_CTX_new(3)`, `SSL_CONF_CTX_set_ssl_ctx(3)`,  
`SSL_CONF_CTX_set1_prefix(3)`, `SSL_CONF_cmd(3)`, `SSL_CONF_cmd_argv(3)`

#### HISTORY

These functions were added in OpenSSL 1.0.2.

#### COPYRIGHT

Copyright 2012-2016 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>.