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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'SSL_CONF_CTX_set_flags.3ossl' command

`$ man SSL_CONF_CTX_set_flags.3ossl`

SSL_CONF_CTX_SET_FLAGS(3ossl) OpenSSL SSL_CONF_CTX_SET_FLAGS(3ossl)

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.

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3.0.7 2023-07-13 `SSL_CONF_CTX_SET_FLAGS(3openssl)`