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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'OPENSSL\_config.3ossl'***

***\$ man OPENSSL\_config.3ossl***

OPENSSL\_CONFIG(3ossl)      OpenSSL      OPENSSL\_CONFIG(3ossl)

#### NAME

OPENSSL\_config, OPENSSL\_no\_config - simple OpenSSL configuration functions

#### SYNOPSIS

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

The following functions have been deprecated since OpenSSL 1.1.0, and can be hidden entirely by defining OPENSSL\_API\_COMPAT with a suitable version value, see openssl\_user\_macros(7):

```
void OPENSSL_config(const char *appname);
```

```
void OPENSSL_no_config(void);
```

#### DESCRIPTION

OPENSSL\_config() configures OpenSSL using the standard openssl.cnf and

reads from the application section appname. If appname is NULL then the default section, openssl\_conf, will be used. Errors are silently ignored. Multiple calls have no effect.

OPENSSL\_no\_config() disables configuration. If called before OPENSSL\_config() no configuration takes place.

If the application is built with OPENSSL\_LOAD\_CONF defined, then a call to OpenSSL\_add\_all\_algorithms() will implicitly call OPENSSL\_config() first.

## NOTES

The OPENSSL\_config() function is designed to be a very simple "call it and forget it" function. It is however much better than nothing.

Applications which need finer control over their configuration functionality should use the configuration functions such as CONF\_modules\_load() directly. This function is deprecated and its use should be avoided. Applications should instead call CONF\_modules\_load() during initialization (that is before starting any threads).

There are several reasons why calling the OpenSSL configuration routines is advisable. For example, to load dynamic ENGINES from shared libraries (DSOs). However, very few applications currently support the control interface and so very few can load and use dynamic ENGINES. Equally in future more sophisticated ENGINES will require certain control operations to customize them. If an application calls OPENSSL\_config() it doesn't need to know or care about ENGINE control operations because they can be performed by editing a configuration file.

## ENVIRONMENT

OPENSSL\_CONF

The path to the config file. Ignored in set-user-ID and set-group-ID programs.

## RETURN VALUES

Neither `OPENSSL_config()` nor `OPENSSL_no_config()` return a value.

## SEE ALSO

`config(5)`, `CONF_modules_load_file(3)`

## HISTORY

The `OPENSSL_no_config()` and `OPENSSL_config()` functions were deprecated in OpenSSL 1.1.0 by `OPENSSL_init_crypto()`.

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