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***Rocky Enterprise Linux 9.2 Manual Pages on command 'EVP\_rc2\_64\_cbc.3ossl'***

***\$ man EVP\_rc2\_64\_cbc.3ossl***

EVP\_RC2\_CBC(3ossl)            OpenSSL            EVP\_RC2\_CBC(3ossl)

**NAME**

EVP\_rc2\_cbc, EVP\_rc2\_cfb, EVP\_rc2\_cfb64, EVP\_rc2\_ecb, EVP\_rc2\_ofb,  
EVP\_rc2\_40\_cbc, EVP\_rc2\_64\_cbc - EVP RC2 cipher

**SYNOPSIS**

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

```
const EVP_CIPHER *EVP_rc2_cbc(void);  
const EVP_CIPHER *EVP_rc2_cfb(void);  
const EVP_CIPHER *EVP_rc2_cfb64(void);  
const EVP_CIPHER *EVP_rc2_ecb(void);  
const EVP_CIPHER *EVP_rc2_ofb(void);  
const EVP_CIPHER *EVP_rc2_40_cbc(void);  
const EVP_CIPHER *EVP_rc2_64_cbc(void);
```

**DESCRIPTION**

The RC2 encryption algorithm for EVP.

`EVP_rc2_cbc()`, `EVP_rc2_cfb()`, `EVP_rc2_cfb64()`, `EVP_rc2_ecb()`,  
`EVP_rc2_ofb()`

RC2 encryption algorithm in CBC, CFB, ECB and OFB modes respectively. This is a variable key length cipher with an additional parameter called "effective key bits" or "effective key length". By default both are set to 128 bits.

`EVP_rc2_40_cbc()`, `EVP_rc2_64_cbc()`

RC2 algorithm in CBC mode with a default key length and effective key length of 40 and 64 bits.

WARNING: these functions are obsolete. Their usage should be replaced with the `EVP_rc2_cbc()`, `EVP_CIPHER_CTX_set_key_length()` and `EVP_CIPHER_CTX_ctrl()` functions to set the key length and effective key length.

## RETURN VALUES

These functions return an `EVP_CIPHER` structure that contains the implementation of the symmetric cipher. See `EVP_CIPHER_meth_new(3)` for details of the `EVP_CIPHER` structure.

## SEE ALSO

`evp(7)`, `EVP_EncryptInit(3)`, `EVP_CIPHER_meth_new(3)`

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EVP\_RC2\_CBC(30ssl)