



*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 'EVP\_aria\_128\_cbc.3ossl' command**

**\$ man EVP\_aria\_128\_cbc.3ossl**

EVP\_ARIA\_128\_GCM(3ossl)      OpenSSL      EVP\_ARIA\_128\_GCM(3ossl)

### NAME

EVP\_aria\_128\_cbc, EVP\_aria\_192\_cbc, EVP\_aria\_256\_cbc, EVP\_aria\_128\_cfb,  
EVP\_aria\_192\_cfb, EVP\_aria\_256\_cfb, EVP\_aria\_128\_cfb1,  
EVP\_aria\_192\_cfb1, EVP\_aria\_256\_cfb1, EVP\_aria\_128\_cfb8,  
EVP\_aria\_192\_cfb8, EVP\_aria\_256\_cfb8, EVP\_aria\_128\_cfb128,  
EVP\_aria\_192\_cfb128, EVP\_aria\_256\_cfb128, EVP\_aria\_128\_ctr,  
EVP\_aria\_192\_ctr, EVP\_aria\_256\_ctr, EVP\_aria\_128\_ecb, EVP\_aria\_192\_ecb,  
EVP\_aria\_256\_ecb, EVP\_aria\_128\_ofb, EVP\_aria\_192\_ofb, EVP\_aria\_256\_ofb,  
EVP\_aria\_128\_ccm, EVP\_aria\_192\_ccm, EVP\_aria\_256\_ccm, EVP\_aria\_128\_gcm,  
EVP\_aria\_192\_gcm, EVP\_aria\_256\_gcm, - EVP ARIA cipher

### SYNOPSIS

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

```
const EVP_CIPHER *EVP_ciphertype(void)
```

EVP\_ciphertype is used a placeholder for any of the described cipher functions, such as EVP\_aria\_128\_cbc.

### DESCRIPTION

The ARIA encryption algorithm for EVP.

EVP\_aria\_128\_cbc(), EVP\_aria\_192\_cbc(), EVP\_aria\_256\_cbc(),  
EVP\_aria\_128\_cfb(), EVP\_aria\_192\_cfb(), EVP\_aria\_256\_cfb(),  
EVP\_aria\_128\_cfb1(), EVP\_aria\_192\_cfb1(), EVP\_aria\_256\_cfb1(),  
EVP\_aria\_128\_cfb8(), EVP\_aria\_192\_cfb8(), EVP\_aria\_256\_cfb8(),  
EVP\_aria\_128\_cfb128(), EVP\_aria\_192\_cfb128(), EVP\_aria\_256\_cfb128(),  
EVP\_aria\_128\_ctr(), EVP\_aria\_192\_ctr(), EVP\_aria\_256\_ctr(),  
EVP\_aria\_128\_ecb(), EVP\_aria\_192\_ecb(), EVP\_aria\_256\_ecb(),  
EVP\_aria\_128\_ofb(), EVP\_aria\_192\_ofb(), EVP\_aria\_256\_ofb()

ARIA for 128, 192 and 256 bit keys in the following modes: CBC, CFB  
with 128-bit shift, CFB with 1-bit shift, CFB with 8-bit shift,  
CTR, ECB and OFB.

EVP\_aria\_128\_ccm(), EVP\_aria\_192\_ccm(), EVP\_aria\_256\_ccm(),  
EVP\_aria\_128\_gcm(), EVP\_aria\_192\_gcm(), EVP\_aria\_256\_gcm(),

ARIA for 128, 192 and 256 bit keys in CBC-MAC Mode (CCM) and Galois  
Counter Mode (GCM). These ciphers require additional control  
operations to function correctly, see the "AEAD Interface" in  
EVP\_EncryptInit(3) section for details.

## 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)

## COPYRIGHT

Copyright 2017-2019 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            EVP\_ARIA\_128\_GCM(3ossl)