



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_gcm.3oss!' command

\$ man EVP_aria_128_gcm.3oss!

EVP_ARIA_128_GCM(3oss!) OpenSSL EVP_ARIA_128_GCM(3oss!)

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)