NAME

gnutls_aead_cipher_encryptv2 - API function

SYNOPSIS

#include <gnutls/crypto.h>

int gnutls_aead_cipher_encryptv2(gnutls_aead_cipher_hd_t *handle***, const void *** *nonce***, size_t** *nonce_len***, const giovec_t *** *auth_iov***, int** *auth_iovcnt***, const giovec_t *** *iov***, int** *iovcnt***, void *** *tag***, size_t *** *tag_size***);**

ARGUMENTS

gnutls_aead_cipher_hd_t handle

is a **gnutls_aead_cipher_hd_t** type.

const void * nonce

the nonce to set

size_t nonce_len

The length of the nonce

const giovec_t * auth_iov

additional data to be authenticated

int auth_iovcnt

The number of buffers in *auth_iov*

const giovec_t * iov

the data to be encrypted

int iovcnt   The number of buffers in *iov*

void * tag   The authentication tag

size_t * tag_size

The size of the tag to use (use zero for the default)

DESCRIPTION

This is similar to **gnutls_aead_cipher_encrypt**(), but it performs in-place encryption on the provided data buffers.

RETURNS

Zero or a negative error code on error.

SINCE

3.6.10

REPORTING BUGS

Report bugs to <bugs@gnutls.org>.
Home page: https://www.gnutls.org

COPYRIGHT

Copyright (C) 2001- Free Software Foundation, Inc., and others.
Copying and distribution of this file, with or without modification, are permitted in any medium
without royalty provided the copyright notice and this notice are preserved.

SEE ALSO

The full documentation for **gnutls** is maintained as a Texinfo manual. If the /usr/local/share/doc/gnutls/
directory does not contain the HTML form visit

https://www.gnutls.org/manual/