

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 glibc_iovec_t * auth_iov, int auth_iovcnt, const glibc_iovec_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 glibc_iovec_t * auth_iov

additional data to be authenticated

int auth_iovcnt

The number of buffers in *auth_iov*

const glibc_iovec_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>

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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/>