NAME

gnutls_record_recv_seq - API function

SYNOPSIS

#include <gnutls/gnutls.h>

ssize_t gnutls_record_recv_seq(gnutls_session_t *session***, void *** *data***, size_t** *data_size***, unsigned char *** *seq***);**

ARGUMENTS

gnutls_session_t session

                is a **gnutls_session_t** type.

void * data   the buffer that the data will be read into

size_t data_size

                the number of requested bytes

unsigned char * seq

                is the packet's 64-bit sequence number. Should have space for 8 bytes.

DESCRIPTION

This function is the same as **gnutls_record_recv**(), except that it returns in addition to data, the sequence number of the data. This is useful in DTLS where record packets might be received out-of-order. The returned 8-byte sequence number is an integer in big-endian format and should be treated as a unique message identification.

RETURNS

The number of bytes received and zero on EOF. A negative error code is returned in case of an error. The number of bytes received might be less than *data_size* .

SINCE

3.0

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/