

## NAME

gnutls\_record\_rcv\_packet - API function

## SYNOPSIS

```
#include <gnutls/gnutls.h>
```

```
ssize_t gnutls_record_rcv_packet(gnutls_session_t session, gnutls_packet_t * packet);
```

## ARGUMENTS

gnutls\_session\_t session

is a **gnutls\_session\_t** type.

gnutls\_packet\_t \* packet

the structure that will hold the packet data

## DESCRIPTION

This is a lower-level function than **gnutls\_record\_rcv()** and allows to directly receive the whole decrypted packet. That avoids a memory copy, and is intended to be used by applications seeking high performance.

The received packet is accessed using **gnutls\_packet\_get()** and must be deinitialized using **gnutls\_packet\_deinit()**. The returned packet will be **NULL** if the return value is zero (EOF).

## RETURNS

The number of bytes received and zero on EOF (for stream connections). A negative error code is returned in case of an error.

## SINCE

3.3.5

## REPORTING BUGS

Report bugs to <bugs@gnutls.org>.

Home page: <https://www.gnutls.org>

## COPYRIGHT

Copyright (C) 2001-2023 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/>