NAME

ldns_pkt_edns, ldns_pkt_edns_udp_size, ldns_pkt_edns_extended_rcode, ldns_pkt_edns_version,
ldns_pkt_edns_z, ldns_pkt_edns_data, ldns_pkt_set_edns_udp_size,
ldns_pkt_set_edns_extended_rcode, ldns_pkt_set_edns_version, ldns_pkt_set_edns_z,
ldns_pkt_set_edns_data - ldns_pkt ends0 related functions

SYNOPSIS

#include <stdint.h>
#include <stdbool.h>

#include <ldns/ldns.h>

bool ldns_pkt_edns(const ldns_pkt *packet);

uint16_t ldns_pkt_edns_udp_size(const ldns_pkt *packet);

uint8_t ldns_pkt_edns_extended_rcode(const ldns_pkt *packet);

uint8_t ldns_pkt_edns_version(const ldns_pkt *packet);

uint16_t ldns_pkt_edns_z(const ldns_pkt *packet);

ldns_rdf* ldns_pkt_edns_data(const ldns_pkt *packet);

void ldns_pkt_set_edns_udp_size(ldns_pkt *packet, uint16_t s);

void ldns_pkt_set_edns_extended_rcode(ldns_pkt *packet, uint8_t c);

void ldns_pkt_set_edns_version(ldns_pkt *packet, uint8_t v);

void ldns_pkt_set_edns_z(ldns_pkt *packet, uint16_t z);

void ldns_pkt_set_edns_data(ldns_pkt *packet, ldns_rdf *data);

DESCRIPTION

ldns_pkt_edns() returns true if this packet needs and EDNS rr to be sent. At the moment the only
    reason is an expected packet size larger than 512 bytes, but for instance dnssec would be a good
    reason too.

      packet: the packet to check
      Returns true if packet needs edns rr

ldns_pkt_edns_udp_size() return the packet's edns udp size
      packet: the packet
      Returns the size

ldns_pkt_edns_extended_rcode() return the packet's edns extended rcode
      packet: the packet
      Returns the rcode

ldns_pkt_edns_version() return the packet's edns version
      packet: the packet
      Returns the version

ldns_pkt_edns_z() return the packet's edns z value
      packet: the packet
      Returns the z value

ldns_pkt_edns_data() return the packet's EDNS data
      packet: the packet
      Returns the data

ldns_pkt_set_edns_udp_size() Set the packet's edns udp size
      packet: the packet
      s: the size

ldns_pkt_set_edns_extended_rcode() Set the packet's edns extended rcode
      packet: the packet
      c: the code

ldns_pkt_set_edns_version() Set the packet's edns version
      packet: the packet
      v: the version

ldns_pkt_set_edns_z() Set the packet's edns z value
      packet: the packet
      z: the value

ldns_pkt_set_edns_data() Set the packet's EDNS data

packet: the packet
data: the data

AUTHOR

The ldns team at NLnet Labs.

REPORTING BUGS

Please report bugs to ldns-team@nlnetlabs.nl or in our bugzilla at
http://www.nlnetlabs.nl/bugs/index.html

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SEE ALSO

ldns_pkt. And **perldoc Net::DNS**, **RFC1034**, **RFC1035**, **RFC4033**, **RFC4034** and **RFC4035**.

REMARKS

This manpage was automatically generated from the ldns source code.