NAME

pcap_set_tstamp_type - set the time stamp type to be used by a capture device

SYNOPSIS

#include <pcap/pcap.h>

int pcap_set_tstamp_type(pcap_t *p, int tstamp_type);

DESCRIPTION

pcap_set_tstamp_type() sets the type of time stamp desired for packets captured on the pcap descriptor to the type specified by *tstamp_type*. It must be called on a pcap descriptor created by **pcap_create**(3) that has not yet been activated by **pcap_activate**(3). **pcap_list_tstamp_types**(3) will give a list of the time stamp types supported by a given capture device. See **pcap-tstamp**(7) for a list of all the time stamp types.

RETURN VALUE

pcap_set_tstamp_type() returns **0** on success if the specified time stamp type is expected to be supported by the capture device, **PCAP_WARNING_TSTAMP_TYPE_NOTSUP** if the specified time stamp type is not supported by the capture device, **PCAP_ERROR_ACTIVATED** if called on a capture handle that has been activated, and **PCAP_ERROR_CANTSET_TSTAMP_TYPE** if the capture device doesn't support setting the time stamp type (only older versions of libpcap will return that; newer versions will always allow the time stamp type to be set to the default type).

BACKWARD COMPATIBILITY

This function became available in libpcap release 1.2.1. In previous releases, the time stamp type cannot be set; only the default time stamp type offered by a capture source is available.

SEE ALSO

pcap(3), **pcap_tstamp_type_name_to_val**(3)