

**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)`