

NAME

`pcap_lookupnet` – find the IPv4 network number and netmask for a device

SYNOPSIS

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

```
char errbuf[PCAP_ERRBUF_SIZE];
```

```
int pcap_lookupnet(const char *device, bpf_u_int32 *netp,  
                   bpf_u_int32 *maskp, char *errbuf);
```

DESCRIPTION

`pcap_lookupnet()` is used to determine the IPv4 network number and mask associated with the network device *device*. Both *netp* and *maskp* are *bpf_u_int32* pointers.

RETURN VALUE

`pcap_lookupnet()` returns **0** on success and **PCAP_ERROR** on failure. If **PCAP_ERROR** is returned, *errbuf* is filled in with an appropriate error message. *errbuf* is assumed to be able to hold at least **PCAP_ERRBUF_SIZE** chars.

SEE ALSO

`pcap(3PCAP)`