

NAME

`pcap_can_set_rfmon` - check whether monitor mode can be set for a not-yet-activated capture handle

SYNOPSIS

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

```
int pcap_can_set_rfmon(pcap_t *p);
```

DESCRIPTION

`pcap_can_set_rfmon()` checks whether monitor mode could be set on a capture handle when the handle is activated.

RETURN VALUE

`pcap_can_set_rfmon()` returns **0** if monitor mode could not be set, **1** if monitor mode could be set, and a negative value on error. A negative return value indicates what error condition occurred. The possible error values are:

PCAP_ERROR_NO_SUCH_DEVICE

The capture source specified when the handle was created doesn't exist.

PCAP_ERROR_PERM_DENIED

The process doesn't have permission to check whether monitor mode could be supported.

PCAP_ERROR_ACTIVATED

The capture handle has already been activated.

PCAP_ERROR

Another error occurred. `pcap_geterr(3)` or `pcap_perror(3)` may be called with *p* as an argument to fetch or display a message describing the error.

Additional error codes may be added in the future; a program should check for **0**, **1**, and negative, return codes, and treat all negative return codes as errors. `pcap_statustostr(3)` can be called, with a warning or error code as an argument, to fetch a message describing the warning or error code.

SEE ALSO

`pcap(3)`, `pcap_create(3)`, `pcap_activate(3)`, `pcap_set_rfmon(3)`