

NAME

me - encapsulating network device

SYNOPSIS

To compile the driver into the kernel, place the following line in the kernel configuration file:

```
device me
```

Alternatively, to load the driver as a module at boot time, place the following line in loader.conf(5):

```
if_me_load="YES"
```

DESCRIPTION

The **me** network interface pseudo device encapsulates datagrams into IP. These encapsulated datagrams are routed to a destination host, where they are decapsulated and further routed to their final destination.

me interfaces are dynamically created and destroyed with the ifconfig(8) **create** and **destroy** subcommands.

This driver corresponds to RFC 2004. Datagrams are encapsulated into IP with a shorter encapsulation. The original IP header is modified and the modifications are inserted between the so modified header and the original payload. The protocol number 55 is used for outer header.

NOTES

For correct operation, the **me** device needs a route to the decapsulating host that does not run over the tunnel, as this would be a loop.

SEE ALSO

gif(4), gre(4), inet(4), ip(4), netintro(4), protocols(5), ifconfig(8), sysctl(8)

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