NAME

   mlx4en - Mellanox ConnectX-3 10GbE/40GbE network adapter driver

SYNOPSIS

   To compile this driver into the kernel, place these lines in your kernel configuration file:

   options COMPAT_LINUXKPI
   device mlx4
   device mlx4en

   To load the driver as a module at run-time, run this command as root:

   kldload mlx4en

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

   mlx4en_load="YES"

DESCRIPTION

   Mellanox ConnectX adapter cards with Virtual Protocol Interconnect (VPI) provide the highest
   performing and most flexible interconnect solution for Enterprise Data Centers, High-Performance
   Computing, and Embedded environments. Clustered data bases, parallelized applications, transactional
   services and high-performance embedded I/O applications will achieve significant performance
   improvements resulting in reduced completion time and lower cost per operation.

HARDWARE

   The **mlx4en** driver supports the following network adapters:

   ⊕   Mellanox ConnectX-2 (ETH)
   ⊕   Mellanox ConnectX-3 (ETH)

SUPPORT

   For general information and support, go to the Mellanox support website at: **http://www.mellanox.com/**.

   If an issue is identified with this driver and a supported network adapter, please email the specific
   information to <*freebsd-drivers@mellanox.com*>.

SEE ALSO

   mlx4ib(4), ifconfig(8)

HISTORY

The **mlx4en** device driver first appeared in FreeBSD 9.x.

AUTHORS

The **mlx4en** driver was written by Mellanox Technologies <freebsd-drivers@mellanox.com>.