

**NAME**

**enic** - VIC Ethernet NIC driver

**SYNOPSIS**

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

```
device iflib  
device enic
```

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

```
kldload if_enic
```

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

```
if_enic_load="YES"
```

**DESCRIPTION**

The **enic** driver provides support for Cisco Virtual Interface Card. Support is limited to basic network connectivity. Media is controlled by the NIC itself since there can be multiple virtual PCI NIC devices exposed to the PCI bus.

**HARDWARE**

The **enic** driver should supports all known Cisco VIC cards.

**CONFIGURATION**

The **enic** network interface is configured using ifconfig(8) and the sysctl(8) tree at dev.enic.<N>. All configurable entries are also tunables, and can be put directly into the loader.conf(5) for persistent configuration.

**SEE ALSO**

ifconfig(8)

**HISTORY**

The **enic** device driver first appeared in FreeBSD 14.0.

**AUTHORS**

The **enic** driver was written by Cisco UCS team based of the DPDK driver.