

**NAME**

**malo** - Marvell Libertas IEEE 802.11b/g wireless network driver

**SYNOPSIS**

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

```
device malo
device pci
device wlan
device firmware
```

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

```
if_malo_load="YES"
```

**DESCRIPTION**

The **malo** driver provides support for Marvell Libertas 88W8335 based PCI and Cardbus network adapters. **malo** supports **station** and **monitor** mode operation. Only one virtual interface may be configured at any time. For more information on configuring this device, see ifconfig(8).

This driver requires firmware to be loaded before it will work. The *ports/net/malo-firmware-kmod* port needs to be installed before ifconfig(8) will work.

**HARDWARE**

The following cards are among those supported by the **malo** driver:

<i>Card</i>	<i>Chip</i>	<i>Bus</i>	<i>Standard</i>
Netgear WG311v3	88W8335	PCI	b/g
Tenda TWL542P	88W8335	PCI	b/g
U-Khan UW-2054i	88W8335	PCI	b/g

**EXAMPLES**

Join an existing BSS network (i.e., connect to an access point):

```
ifconfig wlan create wlandev malo0 inet 192.168.0.20 \
netmask 0xfffff00
```

Join a specific BSS network with network name "my\_net":

```
ifconfig wlan create wlandev malo0 ssid my_net up
```

Join a specific BSS network with 64-bit WEP encryption:

```
ifconfig wlan create wlandev malo0 ssid my_net \  
wepmode on wepkey 0x1234567890 weptxkey 1 up
```

**SEE ALSO**

cardbus(4), pci(4), wlan(4), wlan\_ccmp(4), wlan\_tkip(4), wlan\_wep(4), ifconfig(8), wpa\_supplicant(8)

**HISTORY**

The **malo** device driver first appeared in FreeBSD 7.1.