

Enable the 10G driver on a System with Linux, CentOS?

Model:

ARC Series B & C adapters

10G-PCIE2-8B2-2S (Series B Adapter) & 10G-PCIE2-8C2-2S (Series C Adapter)

Software Release:

Myri10GB Drivers

Operating System:

Linux, CentOS

Information:

Linux CentOS version releases come with the Myricom 10GB driver built into the kernel. Users need to enable the driver versus downloading and installing a driver. Use the following steps to enable and verify the driver.

1. Verify the driver is accessible, execute the following command
`# cat /lib/modules/$(uname -r)/modules.dep |grep myri`
2. The command should return the following output
`# kernel/drivers/net/ethernet/myricom/myri10ge/myri10ge.ko: kernel/drivers/dca/dca.ko`
3. Once verified, as shown in step 2. Enable the driver by executing a modprobe command as root.
`# modprobe myri10ge`
4. Execute the command and verify the output.
`#lsmod |grep myri`

```
myri10ge      55122  0
dca           15130  2 igb,myri10ge
```

5. Once verified, execute a “ifconfig-a” and configure the ip address, netmask, and default gateway.
6. Verify the interface is see and active. Execute the following command.
`# lspci -nn | grep -i net`

You shall see a similar output:

<u>Revision</u>	<u>Date</u>	<u>Change</u>
1	8/10/2017	Initial Draft

