

RAID SETUP

(Amended 2/26/2001 HBM)

Raid is very slot sensitive. Place the Raid card in the lowest slot on the motherboard. If problems occur, start switching the slots.

Loading Procedures: Load SCO
 Load SMP
 Load Raid
 Load Programs

You have several ways to enter into the megamgr program

- a. One is from the initial start up where it prompts you to press the control keys to enter.
- b. The other is typing from the prompt # **megamgr**

We can start by booting your system and entering into megamgr using the Control keys
After Megaraid is through initializing press **Ctrl M**

At **Go to Objects** [Then hit the enter key]
At **Adapter** [Then hit the enter key]
At **Disk spinup** [Then hit the enter key]
At **2 disks every 6 seconds** [Hit the ESC key]
At **Cache Flash Time** [Then hit the enter key]
At **Every 10 seconds** [Hit the ESC key]
At **Ultra SCSI = Disabled** [Hit the ESC key]

Now hit the ESC key (2) two more times

At **Configure** [Hit the enter key]
At **New Easy configuration** [Hit the enter key]

Example: 3 Drives = Raid 5
 2 Drives = Raid 3
 1 Drives = Raid 0

Now, one at a time, select each drive, then press the spacebar to make drives online [Then hit the enter key]

At **Advance** [Hit the enter key]
At **Write Policy = Wrback** [Use the enter key to make this change]
At **Read Policy = Adaptive** [Then hit the enter key]
At **ESC = save Accept**, so all settings are the same for all logical drives

Now select **ESC** Save Configuration **Yes** [Hit the ESC key again]

At Initialize Hit the enter key, hit the F-2 key to select all drives then F-10
Say yes to **Save**

When you are actually loading the OS on the Raid, follow these instructions..

No matter what SCO you are using

At the boot type # **link** [Then hit the enter key]

What do want to link = **amird** [enter]

Screen will prompt you for amird disk

The rest of the installation is same as regular SCO

This is used when loading Raid Drivers after you have loaded the SCO

Boot up the system and at the prompt type # **installpkg**

You will be prompted for the driver you wish to install
Driver you wish to install= **amird** [Then hit the enter key]
DO NOT RELINK THE KERNAL (change screens Alt F-2, then Log in)
Now, from the prompt type # **cd /etc/conf/cf.d**
Now, from the prompt type # **lf** (you are looking for a file called mscsi)
Now, from the prompt type # **te mscsi**
Now, remove the last two lines of this file. (Note: these lines refer to amaird)
Now hit the F-2 key and the X to save settings and exit.
Now hit the Alt-F1 to change back to screen one, and then relink the kernal.
Finally, reboot the system and you should be set.

Remember to always format the drives if possible!