

Addendum: Opteron and MA8000

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To: tru64-unix-managers@ornl.gov

Hi ,

I was asked what I was trying to do .
Well I was trying to connect to our SAN . I have enabled Access Path for my Striped Set only to this Opteron Machine . Also I forgot to mention I'm running Suse(9.1)

I will cut and paste my original question below .

We received an Opteron test system from HP (DL145) and I thought of testing its SAN capabilities so I plugged this system into my SAN which consists of one EMA8000 with HSG80 controllers , which are set up in Dual Redundant Multibus Failover configuration .

The Opteron system has qllogic 2200 FC-HBA .
Here are some outputs from the Opteron System

```
moose:~ # cat /proc/scsi/scsi
Attached devices:
Host: scsi0 Channel: 00 Id: 00 Lun: 00
  Vendor: DEC Model: HSG80CCL Rev: V86F
  Type: RAID ANSI SCSI revision: 02
Host: scsi0 Channel: 00 Id: 01 Lun: 00
  Vendor: DEC Model: HSG80CCL Rev: V86F
  Type: RAID ANSI SCSI revision: 02
```

```
moose:~ # cat /proc/scsi/qla2xxx/0
QLogic PCI to Fibre Channel Host Adapter for QLA22xx:
  Firmware version 2.02.06 TP, Driver version 8.00.00b14-fo
Entry address = ffffffff0029000
ISP: ISP2200, Serial# P45787
Request Queue = 0xfb3c0000, Response Queue = 0x37daa000
Request Queue count = 2048, Response Queue count = 64
Total number of active commands = 0
Total number of interrupts = 27157
  Device queue depth = 0x10
Number of free request entries = 2043
Number of mailbox timeouts = 0
Number of ISP aborts = 0
```

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Number of loop resyncs = 0
Number of retries for empty slots = 0
Number of reqs in pending_q= 0, retry_q= 0, done_q= 0, scsi_retry_q= 0
Number of reqs in failover_q= 0
Host adapter:loop state = <READY>, flags = 0x1e83
Dpc flags = 0x0
MBX flags = 0x0
Link down Timeout = 000
Port down retry = 030
Login retry count = 030
Commands retried with dropped frame(s) = 0
Product ID = 4953 5020 2020 0001

SCSI Device Information:

scsi-qla0-adapter-node=200000e08b173b96;
scsi-qla0-adapter-port=210000e08b173b96;
scsi-qla0-target-0=50001fe100118b12;
scsi-qla0-target-1=50001fe100118b14;

FC Port Information:

scsi-qla0-port-0=50001fe100118b10:50001fe100118b12:011000:81;
scsi-qla0-port-1=50001fe100118b10:50001fe100118b14:011100:82;

SCSI LUN Information:

(Id:Lun) * – indicates lun is not registered with the OS.
(0: 0): Total reqs 2, Pending reqs 0, flags 0x0*, 0:0:81 00
(0:191): Total reqs 0, Pending reqs 0, flags 0x0*, 0:0:81 00
(1: 0): Total reqs 2, Pending reqs 0, flags 0x0*, 0:0:82 00
(1:191): Total reqs 0, Pending reqs 0, flags 0x0*, 0:0:82 00

Any pointers ..

HSG80 uses firmware revision 8.6F-E12 .

Thanks in advance
yogesh