

Veritas Voume Mgr. Root Disk Encapsulation

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Grettings!

I am looking into mirroring root drive on E4500 (D100 disks) using veritas volume manager (v3.0.2) running Solaris 7.

I was reading the doc on it, and I see following statement:

Ensure that bootdisk meets all these criteria

"There must be minimum of 2048 sectors at the beginning or end of the boot disk that are not assigned to a partition"

(Other criterias are met)

Here is what disk partition looks like (o.s. drive)

– c3t0d0

Part Tag Flag Cylinders Size Blocks

0 root wm 0 – 4923 8.43GB (4924/0/0)

17682084

1 unassigned wm 0 0 (0/0/0) 0

2 backup wm 0 – 4923 8.43GB (4924/0/0)

17682084

3 unassigned wm 0 0 (0/0/0) 0

4 unassigned wm 0 0 (0/0/0) 0

5 unassigned wm 0 0 (0/0/0) 0

6 unassigned wm 0 0 (0/0/0) 0

7 unassigned wm 0 0 (0/0/0) 0

– c3t1d0

Part Tag Flag Cylinders Size Blocks

0 unassigned wm 0 0 (0/0/0) 0

1 unassigned wm 0 0 (0/0/0) 0

2 backup wu 0 – 4923 8.43GB (4924/0/0)

17682084

3 – wu 0 – 0 1.75MB (1/0/0)

3591

4 – wu 1 – 4923 8.43GB (4923/0/0)

17678493

5 unassigned wm 0 0 (0/0/0) 0

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6 unassigned wm 0 0 (0/0/0) 0

7 unassigned wm 0 0 (0/0/0) 0

I am trying to mirror c3t0d0 to c3t1d0.

(Swap file system it on 3rd drive and we have 4th drive to mirror swap as well. However, on 3rd disk, there are not sectors available like in the case of root).

Is it still possible (somehow) to mirror root drive without reinstalling o.s. ? If not, what are my other alternatives ? Would buying additional drives (we have empty bays in D1000) would help with this issue ?

I am trying to mirror drives so if my root drives goes bad, the server keeps running.

Any help/suggestions are welcome.

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