

add new disk to metaset failed solaris volume mgr

Posted by robhall - 2014/11/04 09:48

Here's a current thread I thought I would post for documentation purposes.

Adding a new disk to metaset failed

Question by: Maria Jose Martinez Ogazon System Senior Specialist Real MVS Española

Hi, I want to add a new disk to a metaset but I can not because when I run the command this message appears, do I have any problem with my swap ? sun36:root:/root# metaset -s dosdg -a c2t0d0 metaset: sun36: swapctl(SC_LIST): Not enough space Thank so much and regards Mari

Response: Robert Hall, Horizon Systems

Could be several things. How large is your state database when the volumes were created?

Response: Maria Jose Martinez Ogazon, System Senior Specialist Real MVS Española

Hello Robert,

These are my metadbs::

.....

metadb.dosdg.out

.....

flags first blk block count

a m luo 16 1034 /dev/dsk/c3t0d0s7

a luo 16 1034 /dev/dsk/c3t2d0s7

a luo 16 1034 /dev/dsk/c2t2d0s7

a luo 1050 1034 /dev/dsk/c3t0d0s7

a luo 16 1034 /dev/dsk/c3t3d0s7

a luo 1050 1034 /dev/dsk/c3t3d0s7

a luo 1050 1034 /dev/dsk/c3t2d0s7

a luo 1050 1034 /dev/dsk/c2t2d0s7

.....

metadb.out

.....

flags first blk block count

a m p luo 16 1034 /dev/dsk/c0t0d0s7

a p luo 1050 1034 /dev/dsk/c0t0d0s7

a p luo 2084 1034 /dev/dsk/c0t0d0s7

a p luo 16 1034 /dev/dsk/c0t1d0s7

a p luo 1050 1034 /dev/dsk/c0t1d0s7

a p luo 2084 1034 /dev/dsk/c0t1d0s7

.....

metadb.uno_dg.out

.....

```
flags first blk block count
a m luo 16 1034 /dev/dsk/c2t1d0s7
a luo 1050 1034 /dev/dsk/c2t1d0s7
a luo 16 1034 /dev/dsk/c3t1d0s7
a luo 1050 1034 /dev/dsk/c3t1d0s7
```

Response: Robert Hall

I would make sure you meet all the requirements in the way of the partitions on the new drive. S7 could be totally valid, but if you have overlaps on the partitions it will fail. Metaset should repartition the drive and allocate enough space automagically, but other conditions could be preventing it from being able to. Also validate your drive has the right geometry to add to the set you want to share. The conditions of adding a drive are in the man pages. You might try copying the vtoc over from a known good drive onto this new one of c2t0d0 then try adding it. Just a thought.

Response: Maria Jose Martinez Ogazon, System Senior Specialist Real MVS Española

Thank so much Robert!!!! I have copied the vtoc from a know good drive. It is running now.

Thank you so much and regards

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