

Question about hiding disks from smit

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From: Ford, Phillip (*phillip.ford_at_SPCORP.COM*)

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To: aix-l@Princeton.EDU

Most of my system are for Oracle databases. Most are AIX 5.2 but I do have some 4.3.3 still. Up until now we have used raw logical volumes or cooked file systems with oracle. During the process of using smit to create or extend volume groups, smit will only show the disks that are not being used. This is nice and makes sure that an administrator does not try and use a disk in two volume groups.

Now the DBAs have decided to try and use the new Oracle 10g ASM (Automatic Storage Management) feature of Oracle 10g. With this we give oracle control of raw disks. We do this by making Oracle owner of the raw device. Then Oracle can use them as he wishes. The problem is that when a system administrator goes into smit to create or extend a volume group he sees what smit thinks are unused disks and this includes the ones used by Oracle ASM. So now the administrator has to be careful and remember which disks are used by Oracle directly and not use any of them for vg creation or extension.

My question, is there something that I can do to the ODM to have smit think that the Oracle disks are in use so that he will not show me these disks during a vg create or extension? This must not affect Oracle though. I do not know much about the ODM and have no idea what smit keys off of to tell whether a disk is in use or not. Thanks in advance.

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Phillip Ford
Senior Software Specialist
Enterprise Computing Services
Schering-Plough Corp.
(901) 320-4462
(901) 320-4856 FAX
phillip.ford@spcorp.com

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