

## Re: Question about hiding disks from smit

**Source:** <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2005-08/0150.html>

---

**From:** Juan Camilo Yanquen (*jcyanquen\_at\_SISA-SA.COM*)

**Date:** 08/26/05

Date: Fri, 26 Aug 2005 15:38:20 -0500  
To: aix-l@Princeton.EDU

Dealing with PVID maybe useful.

```
chdev -l hdiskX -a pv=clear
```

then rename to something like eeeeeeeeeeeeeeee

<http://unix.derkeiler.com/Newsgroups/comp.unix.aix/2004-06/0132.html>

----- Original Message -----

From: Ford, Phillip

Date: Fri 8/26/05 14:41

To: aix-l@Princeton.EDU

Subject: Re: Question about hiding disks from smit

No problem. I have not either and that is why I am worried. I can just see myself at 2:00 am one morning and the DBA is saying they are running out of space - I go in and grab the first free disk and give it to a volume group and crash Oracle. How do you spell recovery. I do not like the situation.

These disks were part of a volume group before so they may have pv information on them. When I do lspv it says that the disk is not assigned to a volume group. The DBAs have not loaded the Oracle yet so I do not know what happens when Oracle start using it. May be there is no problem but my guess is the system will not know that oracle is using it and will think it is a free disk. Thanks anyway.

--

Phillip  
320-4462

-----Original Message-----

From: Bob Booth - CITES [mailto:booth@UIUC.EDU]

Sent: Friday, August 26, 2005 1:50 PM

To: aix-l@Princeton.EDU

Subject: Re: Question about hiding disks from smit

On Fri, Aug 26, 2005 at 01:16:52PM -0400, Ford, Phillip wrote:

```
> I have the same problem with TSM. But you missed understood me. I am  
> not talking about logical volumes. At least with these the drives  
> (hdiskxxx) do not show up in the smit create volume group or extend  
> volume group. I am talking about drives. We now give drives to  
> Oracle not logical volumes. Under this when I go to smit create
```

## AIX-L: Re: Question about hiding disks from smit

> logical volume I will see disks that are not used and disks that I  
> have given to Oracle. So now even when I do it I have to look and get  
> a total list of all drives given to Oracle and not pick one of these  
> drives to create a new volume group from (or extend a current volume  
> group). I would rather see a list of actual unused drives and some  
> how get smit to not list the ones I have give to Oracle.

Yes, I totally mis-understood you. I'm terribly sorry, and this is a  
delemia, since you can't 'name' hdisks.

Do you see any garbage in the PVID section when you do a lspv for instance,  
or do they say 'none'. If they say 'none' that means that Oracle is not  
messing with the first few bytes of the disk, and you may be able to use the  
PVID area as 'marker'

If you have any spare disks, try making a PV out of one of them, then give  
it to Oracle. See if Oracle rejects it, or wipes out the old PVID back to  
zeros.

This is kinda bad on Oracle's part, as I can see this as 'all kinds of  
trouble' on any platform. Jeeze, you would assume that they would block the  
disk from normal OS access somehow.

Sorry for the confusion, I guess I am not used to products being that  
aggressive with disk management.

bob

\*\*\*\*\*

This message and any attachments are solely for the intended recipient. If you are  
not the intended recipient, disclosure, copying, use or distribution of the  
information included in this message is prohibited -- Please immediately and  
permanently delete.