

Re: New disks in 7026

Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2003-12/0308.html>

From: Maguire, James (*James.Maguire_at_OGS.STATE.NY.US*)

Date: 12/30/03

Date: Tue, 30 Dec 2003 11:57:47 -0500
To: aix-l@Princeton.EDU

Harold,

I sure HOPE you are wrong, but I am having trouble. I can add the disks as hot spares, change them to spares, but I don't seem to be able to add them to the array. All I want to do is add one disk each to 2 existing volume groups. I'm not really supposed to be even supporting this box, and I certainly don't feel like blowing the array away and recreating it. Kind of scares the hell out of me...

Thanks

Jim

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

From: Hass, Harold [mailto:HHass@CO.FRESNO.CA.US]
Sent: Tuesday, December 30, 2003 11:44 AM
To: aix-l@Princeton.EDU
Subject: Re: New disks in 7026

Jim,

I could be wrong (it happens a lot!) but I do not think you are going to do what it sounds like you want to do. I've never been able to add disks to an existing array. I can create spare drives, or create an additional array (if the particular array controller supports multiple arrays) or use the drives as non-array drives, but not add to an existing array.

It seems logical you should be able to add the drives to expand an array, but the only docs I found said to backup to tape, destroy the array, rebuild with new drives included, restore data. Wish I had a better way.

If I am wrong, I'd be happy to be enlightened.

Harold

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

From: IBM AIX Discussion List [mailto:aix-l@Princeton.EDU]On Behalf Of Maguire, James
Sent: Tuesday, December 30, 2003 8:20 AM
To: aix-l@Princeton.EDU

Subject: Re: New disks in 7026

Robert,

Here's what I get following your hint...It looks like that's the trick, because it does see them. I suppose I will CAUTIOUSLY add them to the existing array. They then show up in the ADD HOT SPARE option. I am assuming once I do that I can assign them to volume groups, etc. in the usual way?

Thanks!

Jim

hdisk2 Available Raid 1 20-58-00-0,0 34715 MB Status OPTIMAL
hdisk2 10 Channel 1 ID 0 ONLINE - 34715Meg
hdisk2 28 Channel 2 ID 8 ONLINE - 34715Meg

hdisk3 Available Raid 1 20-58-00-1,0 34715 MB Status OPTIMAL
hdisk3 11 Channel 1 ID 1 ONLINE - 34715Meg
hdisk3 29 Channel 2 ID 9 ONLINE - 34715Meg

hdisk4 Available Raid 1 20-58-00-2,0 34715 MB Status OPTIMAL
hdisk4 12 Channel 1 ID 2 ONLINE - 34715Meg
hdisk4 2A Channel 2 ID A ONLINE - 34715Meg

hdisk5 Available Raid 0 20-58-00-3,0 34715 MB Statu