

[HPADM] SUMMARY problem with fsadm

Source: <http://unix.derkeiler.com/Mailing-Lists/HP-UX-Admin/2004-04/0033.html>

From: Harm Ensing (*ensin001_at_hdxh0e.unix.telecom.ptt.nl*)

Date: 04/09/04

To: hpux-admin@DutchWorks.nl

Date: Fri, 9 Apr 2004 11:52:27 +0200 (METDST)

Here's the summary of replies I got to this question/problem:

```
> I'm having trouble with the fsadm command while trying to extend a filesystem.
>
> The filesystem is mounted:
> # mount|grep lvol9
> /volumes/v1 on /dev/vg00/lvol9 delaylog,nodatainlog on Sun Mar 14 18:29:00 2004
>
> and apparantly it is type vxfs:
> # grep lvol9 /etc/fstab
> /dev/vg00/lvol9 /volumes/v1 vxfs delaylog 0 2
> # fsadm -F vxfs -D /volumes/tsu
> Directory Fragmentation Report
> Dirs Total Immed Immeds Dirs to Blocks to
> Searched Blocks Dirs to Add Reduce Reduce
> total 334 342 238 0 2 12
>
> The logical volume has been extended:
> # bdf /volumes/v1
> Filesystem kbytes used avail %used Mounted on
> /dev/vg00/lvol9 1048576 761154 270359 74% /volumes/v1
> # vgdisplay -v vg00
> .....
> LV Name /dev/vg00/lvol9
> LV Status available/syncd
> LV Size (Mbytes) 3000
> Current LE 750
> Allocated PE 1500
> Used PV 6
>
> But when I use fsadm to extend the filesystem to the full size it fails:
> # fsadm -F vxfs -b 3072000 /volumes/v1
> fsadm: the -b option requires "HP OnLineJFS (Advanced Vxfs)"
>
> Our first thought was that the VxFS package had not been installed, but:
> # swlist|grep -i vxfs
> B3929BA B.11.00 HP OnLineJFS (Advanced VxFS)
```

HP-UX-Admin: [HPADM] SUMMARY problem with fsadm

- >
- > *And on similar systems we have done this several times without problems.*
- >
- > *What am I overlooking?*

Thanks to:
James Lonski
David R Antoch
Kevin O'Donovan
Bryan.Quinn
Stuart Abramson
Bruno HAUTECOEUR
Craig E Johnson

These are the suggestions:

Re-install Online-JFS. By toggling the options a bit it should be possible to re-install an re-activate the license without needing to reboot.

There was mention of a line in /etc/inittab :
vxen::bootwait:/sbin/fs/vxfs/vxenablef -a
But I don't have this (vxenablef) on my systems so I don't really know what to think of this.

Look at which 'fsadm' program is physically used. There are several on the system but this helped me no further.

There was a reference to a "vxlicense -c" command but I don't have this on my system. Neither does a license "enable" comamnd exist.

A reference to an ITRC file helped me a lot further.
SAM told me that the driver was 'OUT'.
(SAM => Kernel Config => Drivers => vxadv - Current State)
Setting it to 'IN' would result in creating a new kernel and reboot which I haven't done yet.

So it appears that I do not have the extra cost Online JFS package installed properly and so cannot extend the filesystem with fsadm. I will have to (re-)install and reboot or unmount the filesystem, enlarge it with Ivextend and then reorganize the filesystem with extendfs.

-Harm-

--

---> Please post QUESTIONS and SUMMARIES only!! <---
To subscribe/unsubscribe to this list, contact majordomo@dutchworks.nl
Name: hpux-admin@dutchworks.nl Owner: owner-hpux-admin@dutchworks.nl

Archives: ftp.dutchworks.nl:/pub/digests/hpux-admin (FTP, browse only)
<http://www.dutchworks.nl/htbin/hpsysadmin> (Web, browse & search)