

## Re: Logical Volume closed upon creation

**Source:** <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2004-08/0243.html>

---

**From:** Green, Simon (*Simon.Green\_at\_EU.ALTRIA.COM*)

**Date:** 08/27/04

Date: Fri, 27 Aug 2004 18:33:50 +0200  
To: aix-l@Princeton.EDU

Normally, I would now use the `crfs` command to create a JFS. (You could also use `smitty` to do this, if you prefer.)

When the first JFS is created, LVM will automatically create a JFSlog in the volume group. Since you have used all of the partitions in your VG it will be unable to do this, so you cannot create a JFS.

You might be able to create a JFS2, since that can have an in-line JFSlog, which is part of the main LV.

For a normal JFS, first delete your LV, (`rmlv`), then re-create it, leaving one or more partitions – preferably on the outer edge of a disk if you're mirroring, or in the centre if you are not – for the JFSlog.

Now, use the `crfs` command to create your JFS. It will automatically create a JFSlog, so you don't need to.

Finally, mount the filesystem.

--

Simon Green

Altria ITSC Europe Ltd

AIX-L Archive at <https://new-lists.princeton.edu/listserv/aix-l.html>

<<https://new-lists.princeton.edu/listserv/aix-l.html>>

New to AIX? <http://publib-b.boulder.ibm.com/redbooks.nsf/portals/UNIX>

<<http://publib-b.boulder.ibm.com/redbooks.nsf/portals/UNIX>>

N.B. Unsolicited email from vendors will not be appreciated.

Please post all follow-ups to the list.

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

From: Vipin Khushu - SuSe [mailto:[vkushu@GUERNSEYOP.COM](mailto:vkushu@GUERNSEYOP.COM)]

Sent: 27 August 2004 17:01

To: aix-l@Princeton.EDU

Subject: Re: Logical Volume closed upon creation

Holger,

Good Point. I scoured the documentation for anything that would tell me how to change the state, but found nothing.

My problem may be the sequence of steps I am following in order to make ready a filesystem for use.

Here's what I have done so far:

- 1] Created a volume group. See details below:
- 2] Created a logical volume. See details below:
- 3] Please see attachment that shows the distribution of the logical volume over the physical partitions. All 818 partitions are used.

A question at this point - Do I need to create a `jfslog` logical volume in this volume group?

- 4] In order to achieve the final objective of mounting a filesystem on

Re: Logical Volume closed upon creation

## AIX-L: Re: Logical Volume closed upon creation

these disks, what is the next required step?  
mkfs or crfs or something else?