

Re: FASSt 600 and AIX

Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2003-07/0491.html>

From: Peter McKay (*Peter.McKay_at_INFINITY.CO.NZ*)

Date: 07/31/03

Date: Fri, 1 Aug 2003 09:30:47 +1200
To: aix-l@Princeton.EDU

Thanks Michael.

You are the guy!

Kind Regards,

Peter McKay
Technical Consultant
Infinity Solutions
Unit 3, 1 Show Place
Addington, Christchurch
Ph: (03) 9637965, Mob: (027) 2301884
Fx: (03) 9637941
www.infinitysolutions.co.nz <<http://www.infinitysolutions.co.nz/>>

From: Wheelock, Michael D
[mailto:Michael.Wheelock@INTEGRIS-HEALTH.COM]
Sent: Friday, August 01, 2003 2:15 AM
To: aix-l@Princeton.EDU

Hi,

We have a fastt 700 (basically same software and design, but certainly the same limitations on your question). Here is the skinny. What we are actually talking about are two different and separate phases.

Phase 1

Dynamic array expansion. This is the phase where you add a new physical unit to an existing array (which may contain multiple logical arrays). This creates "unused space" in the array which can be used to create logical arrays or expand existing ones.

Phase 2

Dynamic volume expansion. This is the phase where the volume/logical array/lun/hdisk gets expanded. We actually tested this with AIX 5.1 and 5.2. According to the manuals I have read, dynamic volume expansion is possible on AIX 5.1 and 5.2. This is, however, a lie. AIX 5.2 is the only revision that is capable of DVE. The extra capacity is seen by running cfmgr, but the second step is to adjust the logical volume to include more pp's. This involves the chvg -g command (which is only in 5.2). I actually placed a support call about this that was escalated to "engineering". They basically stated that the manual is wrong. On the other hand, in AIX 5.2 it works like a charm.

Michael

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

From: Peter McKay [mailto:Peter.McKay@INFINITY.CO.NZ]
Sent: Wednesday, July 30, 2003 9:10 PM
To: aix-l@Princeton.EDU
Subject: FAStT 600 and AIX

Good people,

I'm trying to understand some of the technology in the FAStT storage management in regards to AIX. The marketing from IBM suggests that only Netware, Linux, Win2K Dynamic Disks, and Winnt4 logical disks on a FAStT array can be capacity expanded.

If I expand a logical volume (on the FAStT) can I then utilize the extra capacity with AIX 5? My assumption is yes, because the Logical Volume Manager will see the extra capacity (may have to run cfmgr) and will then be able to be expanded.

Kind Regards,

Peter McKay
Technical Consultant
Infinity Solutions
Unit 3, 1 Show Place
Addington, Christchurch

Ph: (03) 9637965, Mob: (027) 2301884

Fx: (03) 9637941

www.infinitysolutions.co.nz

<<http://www.infinitysolutions.co.nz/>>

The information contained in this email is privileged and confidential and intended for the addressee only. If you are not the intended recipient, you are asked to respect that confidentiality and not disclose, copy or make use of its contents. If received in error you are asked to destroy this email and contact the sender immediately. Your assistance is appreciated.

This e-mail may contain identifiable health information that is subject to protection under state and federal law. This information is intended to be for the use of the individual named above. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited and may be punishable by law. If you have received this electronic transmission in error, please notify us immediately by electronic mail (reply).

The information contained in this email is privileged and confidential and intended for the addressee only. If you are not the intended recipient, you are asked to respect that confidentiality and not disclose, copy or make use of its contents. If received in error you are asked to destroy this email and contact the sender immediately. Your assistance is appreciated.