

Re: PgSp and Paging Space

Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2005-11/0049.html>

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Date: 11/09/05

Date: Wed, 9 Nov 2005 13:44:09 -0500
To: aix-l@Princeton.EDU

maybe take a look at some of the vmtune parms.. maybe that will help.
Also..I have this doc on memory leaks i have attached... it may have some
useful tips in it...

cbaker@GOODYEAR.COM

Sent by: IBM AIX Discussion List <aix-l@Princeton.EDU>

11/09/2005 01:25 PM

Please respond to

IBM AIX Discussion List <aix-l@Princeton.EDU>

To

aix-l@Princeton.EDU

cc

Subject

PgSp and Paging Space

Folks,

I have an admin here who is trying to run a fairly simple command on AIX,
but after a while, he gets an Out of Virtual Memory error and it dies.

I changed all the ulimits to -1, that did not help.

I had him run the command while I monitored the system with "topas". There
I see that Paging Space never moves from 99% Free, but in the process (ps)
section of topas, I see that his running process uses 25% of the 4-CPU
server and, in the next column, labeled "PgSp", the number keeps on
growing. When it gets nearly to 1024, the process dies.

So, what is the difference between the Paging Space, (same thing one gets
from "lsps -a") that never grows and the "PgSp" in the processes section
of "topas" that shows it is growing?

This box is a P655 with 4 GB of real memory and 2 GB of swap.

Thanks,

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- application/octet-stream attachment: [Detecting Memory Leak.doc](#)