Re: [opensuse] Creating a swap file

Source: http://linux.derkeiler.com/Mailing−Lists/SuSE/2007−01/msg01487.html

- *From*: jan kalcic <jandot@xxxxxxxxxxxxx>
- *Date*: Fri, 12 Jan 2007 03:34:43 +0100

James D. Parra wrote:

> On Thursday 11 January 2007 16:12, James D. Parra wrote:
>
> > ...
> >
> > Okay, this is interesting.
> >
> > #dd if=/dev/zero of=/extra−swap bs=2GB count=1K
> > dd: memory exhausted
>
> You're asking dd to allocate a single, contiguous 2 gigabyte block of
> primary storage (a.k.a. RAM) to use as the buffer for transferring the
> data from the input to the output.
>
> And as Patrick pointed out, if this did succeed, you'd need a file
> system with space available to hold a 2 terabyte file, since you're
> trying to write those 2 gigabytes to the file 1024 times.
>
> Try this:
>
> % dd if=/dev/zero of=/extra−swap bs=2M count=1K
>
> ~~~
>
> Okay, I got it. I now see what this is doing and how it is being done.
>
> Everything is working. Thank you all for your illuminating responses.
>
> ~James

Everything very useful in this topic but... Do you really need a swap file bigger than 1GB? Remember that, as a rule of thumb, swap file should be the double of your RAM size but anyway not useful bigger than

1GB.

Regards,
Jan
−−
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