

Re: Backup solutions

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/isp/2005-11/0054.html>

From: Eric Anderson (anderson_at_centtech.com)

Date: 11/26/05

Date: Sat, 26 Nov 2005 07:01:43 -0600
To: Robert Watson <rwatson@FreeBSD.org>

Robert Watson wrote:

> *On Thu, 17 Nov 2005, Eric Anderson wrote:*
>
>>> *FWIW, i have read that by far the best is dump, because of the way it*
>>> *deals with the raw data. No need to worry bout files with holes in*
>>> *them (with other backup tools, this could mean you may not be able to*
>>> *fit the file system back on after backup, if there are core files*
>>> *etc) I believe i read this in the O'Rielly text Unix Power Tools, but*
>>> *could be wrong. They also referenced an extensive test that was done*
>>> *by someone, and gave the link. I will post it if i find it.*
>>
>>
>> *rsync handles sparse files just fine.*
>
>
> *The problem I've had with rsync is that it wants to build a list of all*
> *files to be backed up. On my cyrus server, I have file systems with >6m*
> *files. This causes rsync to core dump when it discovers it can't*
> *allocate memory to hold the entire list at once.*
>
> *Recently I've taken to backing up with dump -L, as the snapshot facility*
> *means recovery after a failure is a lot easier -- you no longer have to*
> *worry about the fact that the first file in a directory might be backed*
> *up at 10:00am, and the second at 2:00pm, causing applications to get*
> *very upset.*

Unfortunately, I don't have that option, since the servers I am backing up are linux machines with a custom filesystem that does not support snapshots. rsync is easy on the network, but hard on the disks.

Eric

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Anything that works is better than anything that doesn't.

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Re: Backup solutions

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