

Re: OT: Hard disk mirror with Paragon on USB stick?

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2008-12/msg02256.html>

- *From:* Joerg <notthisjoergsch@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 17 Dec 2008 07:25:03 -0800
-

John Devereux wrote:

Joerg <notthisjoergsch@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> writes:

Archimedes' Lever wrote:

On Sun, 14 Dec 2008 09:41:44 -0800, Joerg
<notthisjoergsch@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

That boils down to about the same effort as a complete re-install onto a new HD, plus Linux is quite nerdy, requires you to know the magic command line Swahili with which I am not familiar.

Bulloney. Linux distros support archival retrieval, and copying that volume to another will yield a perfect, functional, bootable copy. No re-installs required, no magic words. Linux installations are typically image copies for most applets and applications that get installed. Not much gets compiled during the installation runtime.

Yeah, to a Linux expert probably. But when I looked at an instruction on the web on how to do a mirror archive of a Windows machine using a Knoppix CD in order to dump that back onto a new hard drive that was at least two pages of intricate command line stuff.

You can do it in one line using e.g. ntfscdclone. That's what I use to image laptops in their pristine state, before giving them to the

Re: OT: Hard disk mirror with Paragon on USB stick?

user. The man page for ntfscdclone gives the required command line for the most common scenarios (backup, restore, to/from a local file, and to/from the network).

Boot from a knoppix CD/DVD and choose from:

=====

Clone NTFS on /dev/hda1 to /dev/hdc1:

```
ntfscdclone --overwrite /dev/hdc1 /dev/hda1
```

Save an NTFS to a file in the special image format:

```
ntfscdclone --save-image --output backup.img /dev/hda1
```

Restore an NTFS from a special image file to its original partition:

```
ntfscdclone --restore-image --overwrite /dev/hda1 backup.img
```

Save an NTFS into a compressed image file:

```
ntfscdclone --save-image -o - /dev/hda1 | gzip -c > backup.img.gz
```

Restore an NTFS volume from a compressed image file:

```
gunzip -c backup.img.gz | \\  
ntfscdclone --restore-image --overwrite /dev/hda1 -
```

Backup an NTFS volume to a remote host, using ssh. Please note, that ssh may ask for a password!

```
ntfscdclone --save-image --output - /dev/hda1 | \\  
gzip -c | ssh host cat > backup.img.gz
```

Restore an NTFS volume from a remote host via ssh. Please note, that ssh may ask for a password!

```
ssh host cat backup.img.gz | gunzip -c | \\  
ntfscdclone --restore-image --overwrite /dev/hda1 -
```

=====

Thanks, John, that doesn't sound too difficult. I hope it allows to choose the password, else I'd be stuck. The other issue is whether the HD wakes up one more time. When I wanted to save one last bit of personal information (TB address book) it came back with some obscure "missing string" error.

--
Regards, Joerg

Re: OT: Hard disk mirror with Paragon on USB stick?

<http://www.analogconsultants.com/>

"gmail" domain blocked because of excessive spam.
Use another domain or send PM.

.