

## Re: Clone ES4 machine

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/RedHat/2006-04/msg00489.html>

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- *From:* [ergatz@xxxxxxxxxxx](mailto:ergatz@xxxxxxxxxxx)
  - *Date:* Sat, 29 Apr 2006 20:49:32 +0000
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I, too, am looking for a way to clone. What I want to do is have 2 disks in a computer and make changes to the first disk. If the changes break things, I can swap the disks, re-clone the one I just made the master to the now broken disk, and make adjustments to the changes I just made.

I do this on SOLaris with ufsdump and ufsrestore script that can dupe a disk in 10 minutes.

I don't want to reinvent the wheel, so I am looking for someone who has already done this with system commands and a script.

Unfortunately, I work in a place where I cannot import software from the Internet and install it. I have only inherent OS functions to use.

dorothy

----- Original message -----

From: Dag Wieers <[dag@xxxxxxxxxxx](mailto:dag@xxxxxxxxxxx)>

On Tue, 25 Apr 2006, Dag Wieers wrote:

On Tue, 25 Apr 2006, [j\\_70@xxxxxxxxxxx](mailto:j_70@xxxxxxxxxxx) wrote:

I am looking to 'clone' one of our ES4 production machines to make an exact copy as a development box. Does linux have a built in method for this or can someone point me in the right direction for a method for this. TIA.

Rsync is a simple way to copy a complete system. The procedure goes something like this:

- + Boot a rescue image that contains a recent rsync binary
- + Partition your disk(s)

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- + Create the filesystems and mount them in a directory structure that has sufficient filesystem space (or optionally mimics the original system)
- + Rsync the original system onto your new filesystem structure

The tools you would use are resp. fdisk, mkfs (or mkfs.ext3), mount, mkdir and rsync.

I didn't mention that you need network as well, although the rescue image could have done that for you using dhcp.

Kind regards,

-- dag wieers, dag@xxxxxxxx, <http://dag.wieers.com/> --  
[all I want is a warm bed and a kind word and unlimited power]

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