

## Re: Linux full system restore from tape library – ugly system crash

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steven acer wrote:

we have recently purchased an MSL6000 HP tape library and the HP Data Protector backup/restore managing tool.i've managed to take a full system backup of my RHEL 4 U4.i've fully backed up every filesystem. To try a full system restore from tape backup to a fresh RHEL 4 installation,i've restored all my files including  
-/etc/\*  
-/dev/\*, after i created all the necessary partitions and attached all the devices that were there prior to the crash( the system is a test system )  
my system crashed on reboot with "kernel not syncing,attempting to kill init".

My question is what files/filesystems should and what files/filesystems should not be restored to avoid such a crash and have a successful restore.Could someone point me to a detailed procedure of performing a full system restore including detailed info about what files to restore and how to restore the system's configuration.

There might be a standard way or a detailed doc some where to do this that i'm not aware of, and HP does not seem to provide any docs on the issue.

Steven,

I do know of a standard doc.

Restoring /dev on another system is in general (whether Linux or Unix) a bad thing.

Restoring /etc should be done with care. /etc/passwd /etc/group and /etc/shadow might contain different id's.

Your restore will probably have "rewritten" your /etc/grub.conf so that the / filesystem has not been found by the kernel.

Kind regards,

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Jan Gerrit Kootstra

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