2022-03-30

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Linux   2021 6 8

Chapter 1

Linux   2021 6 8

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1.0.1

- tutorialspoint
- The 15 Best Backup Software For Linux Desktop
- Btrfs
- Linux ( )

1.1

1.1.1

==*Even a very powerful operating system cannot cope with random deletion by system administrators !!==!*

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==   ==   `sudo rm -rf /*`

Seq

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Ghost   USB   USB

Internet

Chapter 2

2.0.1

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2.0.1.1

`/etc/passwd /etc/shadow /etc/group /etc/gsshadow /home` /etc

/home /var/spool/mail/ /boot

2.0.1.2

/etc/ /usr/local

- /etc/ /usr/local/
-
    - WWW /var/www /srv/www
    - MariaDB:/var/lib/mysql
- Linux

    `/etc /home /root /var/spool/mail/ /var/spool/cron/ /var/spool/at/ /var/lib/` /dev

2.0.2

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WIFI

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Tape MO ZIP CD-RW DVD-RW   NAS   Linux

NAS   4TB   USB   USB3.0

Chapter 3

3.1

3.1.1

Linux

-

    dd

-

  1.txt 2.txt   3.txt   3.txt   1.txt 2.txt 3.txt

-

-

  dd cpio xfsdump/xfsrestore

  - dd   sector
  - cpio   find
  -      xfsdump

```
## dd /dev/sda  /yuanzhen,
dd if=/dev/sda of=/yuanzhen
## cpio         SATA
```

```
find / -print | cpio -covB > /dev/st0 ####
cpio -iduv < /dev/st0 ####
## /home      /yuanzhen
xfsdump -l 0 -L 'full' -M 'full' -f /yuanzhen/home.dump /home   ###
xfsdump -l 1 -L 'full-1' -M 'full-1' -f /yuanzhen/home.dump1 /home ###

##tar          /proc /mnt /tmp
tar --exclude /proc --exclude /mnt --exclude /tmp \
> --exclude /yuanzhen -jcvp -f /yuanzhen/system.tar.bz2 /
```

Chapter 4

4.1

- /yuanzhen
-
- /home /var /etc /boot /usr/local
- /etc/crontab
- 1 2

4.1.1

```
##       terminal
ssh zhufj@210.34.84.97
##
mkdir data_backup
##
exit
##
ssh yuanzhen@59.79.233.205
## /wrk
sudo mkdir /wrk/data_backup
##     sshfs          VPS                      root
sudo sshfs -o allow_other zhufj@210.34.84.97:/share/home/zhufj/data_backup /wrk/data_backup
###
sudo umount /mnt/droplet
```

```
####
###SSHFS                                              `/etc/fstab`
###          `/etc/fstab`
sudo vim /etc/fstab
###
sshfs#zhufj@210.34.84.97:/share/home/zhufj/data_backup /wrk/data_backup

##          VPS

#  /etc/crontab
sudo vim /etc/crontab
##          23 59
59 23   * * sun root    cd /wrk && /wrk/data_backup.sh --report /wrk/data_backup.log
```

4.2   Timeshift

4.2.1

 linux   Linux

- timeshift

  sudo apt-get update

  sudo apt-get install timeshif

- 　　　　　32G　　　　USB　USB3.0

  Ubuntu   Timshift

4.2.2

- 　　　　　Timeshift   restore
-
    - ·Ctrl+Alt+F1 F1-F6   tty

    -

    -

      sudo timeshift --list

    - 　　　　　(–skip-grub   grub   grub   bios   grub   )

```
sudo timeshift --restore --snapshot '2021-06-10_15-18-14'
--skip-grub
```

– Enter y

```
sudo timeshift --restore --snapshot '2021-06-10_15-18-14'
--skip-grub --scripted
```

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Linux live CD

– Linux Mint
– Live Timeshift
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4.2.3 tips

4.2.3.1 Linux Mint == ==

- iso

- UltraISO ,

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4.2.3.2 Live USB

Live USB USB USB booting Live USB live CD USB live CD live USB embedded systems system administration data recovery local hard disk drive Windows XP Embedded Linux BSD U Linux