```
modprobe dm-mod
modprobe loop

dd if=/dev/zero of=storage bs=1M count=1 seek=127
dd if=/dev/zero of=cow-storage bs=1M count=1 seek=31

losetup /dev/loop0 storage
losetup /dev/loop1 cow-storage

SIZE0=$(blockdev --getsize /dev/loop0)
SIZE1=$(blockdev --getsize /dev/loop1)
echo 0 $SIZE0 linear /dev/loop0 0 > base.table

dmsetup create base base.table

# usiamo /dev/mapper/base ...

mke2fs /dev/mapper/base
mkdir /mnt/base
mount /dev/mapper/base /mnt/base
cd /mnt/base
echo prova > base-file
cd -

# prepariamo la configurazione per il backup

dd if=/dev/zero of=/dev/loop1 bs=512 count=8

sync

dmsetup suspend base

dmsetup table base | dmsetup create basedup

echo 0 $(blockdev --getsize /dev/mapper/basedup) \
       snapshot /dev/mapper/basedup /dev/loop1 p 8 | \
       dmsetup create snap

echo 0 $(blockdev --getsize /dev/mapper/basedup) \
       snapshot-origin /dev/mapper/basedup | \
       dmsetup create origin

dmsetup table origin | dmsetup load base

dmsetup resume base

# prepariamo il filestem per il backup...

e2fsck /dev/mapper/snap
mkdir /mnt/snap
mount /dev/mapper/snap /mnt/snap

# backup!
# ...

umount /mnt/snap

# backup completato. ripristiniamo la configurazione originale

dmsetup suspend base
dmsetup remove snap
dmsetup remove origin
dmsetup table basedup | dmsetup load base
dmsetup remove basedup
dmsetup resume base
```

```
# configurazione ripristinata:
#
# snap, basedup e origin non esistono piu', /dev/loop1 non è più usato
# e nel frattempo /dev/mapper/base e' sempre stato leggibile e scrivibile!
```