

?:OSSLab sunchiahome ,thx

<http://benjr.tw/?q=node/541>

Netapp ?EMC ??????????????????????BLOCK CHECKSUM ??,
??FC????? 520 ? 522 Byte??.

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????????????x86 os ????.?raw data ?????? .
????????????firmware ??,?????????
??????????????????????..

??? Sector size ????,RHEL 4 / 5 ??????, sg_format ?????? sg3_utils , sg3_utils_libs ???,??????????????????.

The Linux sg3_utils package http://sg.danny.cz/sg/sg3_utils.html

????????????????? sdd ? Sector size ?? 520 bytes ??.

```
[root@benjr ~]# sg_format --format --size=520 /dev/sdd
```

?????????????????,????????? Sector size ? 512 bytes ?? 520 bytes ??,Linux ?????? fdisk , mkfs ??????.????
dmesg ??????????????????.

```
[root@benjr ~]# dmesg  
sd 0:0:7:0: Attached scsi disk sdc  
sd 0:0:7:0: Attached scsi generic sg2 type 0  
mptsas: ioc0: attaching ssp device, channel 0, id 33, phy 2  
Vendor: Fujitsu Model: MBE2147RC Rev: NQ00  
Type: Direct-Access ANSI SCSI revision: 03  
sdd : unsupported sector size 520.
```

```
[root@benjr ~]#fdisk -l
```

Disk /dev/sda: 146.8 GB, 146814976000 bytes
255 heads, 63 sectors/track, 17849 cylinders
Units = cylinders of 16065 * **512** = 8225280 bytes

Device	Boot	Start	End	Blocks	Id	System
/dev/sda1	*	1	13	104391	83	Linux
/dev/sda2		14	17849	143267670	8e	Linux LVM

???????Data Recovery?.

?????????????Mount Storage ,?????????????FC Disk ??RAID ?JBOD,???Lun? Storage Client ??,?????Mount.

???

1.?????????FC ?? . FC???SCA 40 Pin Serial Signal, ??????.????? HSSDC ??LC ??

2.?????520 ?????? ,?Linux ?? ??? SCSI ASPI ????????,

OSSLab ??????????on fly ????,????520,522 bytes?? ??????????????
??????????????????????????.

???

<http://bbs.doit.com.cn/thread-59137-1-5.html>

<http://blogs.sun.com/bonwick/zh/entr...95%B4%E6%80%A7>