

在虚拟机的磁盘上分区、创建文件系统、运行一些命令，进行读写操作。

一些命令关于磁盘及分区操作的：

```
fdisk -l
```

```
df -h
```

```
fdisk /dev/sdb
```

```
m:command
```

```
p:print
```

```
n:new partion
```

```
ctrl+z:stop
```

d(会删除分区，如果没有指定删除哪个分区的话&只有一个分区的时候会删除已知的一个分区？)

把之前的删除后，再进行新建

```
fdisk /dev/sdb
```

```
d (delete)
```

```
n (new)
```

```
p(primary)
```

```
1(first cylinder)
```

```
w
```

Command (m for help): **w**(Write table to disk)

The partition table has been altered!

Calling ioctl() to re-read partition table.

Syncing disks.

#创建文件系统

```
mkfs -c -v -t ext3 /dev/sdb1
```

```
[root@osdc-veei-dhcp10 ~]# mkfs -c -v -t ext3 /dev/sdb1
```

mke2fs 1.41.12 (17-May-2010)

fs\_types for mke2fs.conf resolution: 'ext3', 'default'

Filesystem label=

OS type: Linux

Block size=4096 (log=2)

Fragment size=4096 (log=2)

Stride=0 blocks, Stripe width=0 blocks

65536 inodes, 262094 blocks

13104 blocks (5.00%) reserved for the super user

First data block=0

Maximum filesystem blocks=268435456

8 block groups

32768 blocks per group, 32768 fragments per group

8192 inodes per group

Superblock backups stored on blocks:

32768, 98304, 163840, 229376

Running command: badblocks -b 4096 -X -s /dev/sdb1 262093

Checking for bad blocks (read-only test): done

Writing inode tables: done

Creating journal (4096 blocks): done

Writing superblocks and filesystem accounting information: done

This filesystem will be automatically checked every 23 mounts or  
180 days, whichever comes first. Use tune2fs -c or -i to override.

#mkdir testDir //虚拟机上创建目录

#mount /dev/sdb1 testDir/ //挂载的操作

df -h //查看各个磁盘的使用情况

```
[root@osdc-veei-dhcp10 ~]# df -h
```

Filesystem	Size	Used	Avail	Use%	Mounted on
/dev/mapper/VolGroup-lv_root	5.5G	3.5G	1.8G	67%	/
tmpfs	939M	0	939M	0%	/dev/shm
/dev/sda1	485M	33M	427M	8%	/boot
/dev/sdb1	1008M	18M	940M	2%	/root/testDir

scp hwe-launcher32-vm:/root/minghui2/Python/VMScripts/Linux/iozone ./  
文件

//拷贝一些

```
[root@osdc-veei-dhcp10 ~]# scp hwe-launcher32-vm:/root/minghui2/Python/VMScripts/Linux/iozone ./
```

The authenticity of host 'hwe-launcher32-vm (10.24.80.15)' can't be established.

RSA key fingerprint is 0d:f8:8e:2f:55:20:eb:e7:8d:57:73:c2:b5:c3:bf:b8.

Are you sure you want to continue connecting (yes/no)? yes

Warning: Permanently added 'hwe-launcher32-vm,10.24.80.15' (RSA) to the list of known hosts.

root@hwe-launcher32-vm's password:

iozone

[root@osdc-veei-dhcp10 ~]# ls -al

[root@osdc-veei-dhcp10 ~]# ./iozone -+d -f testDir/a.tmp -a -s 256m //运行脚本

[root@osdc-veei-dhcp10 ~]# ps aux|grep iozone //查看当前的 ioZone 进程