

Redhat iSCSI 设备 DMM 设备

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Category:	问题: 问题	Votes:	0
State:	public (all)	Result:	0.00 %
Language:	zh_CN	Last update:	14:19:45 - 12/19/2017

Symptom (public)

Problem (public)

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设备
设备 iSCSI
设备 iSCSI
设备 Device Mapper Multipath
设备

```

Solution (public)

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设备
设备 iSCSI
设备 iSCSI-initiator-utils,
/etc/iscsi/initiatorname.iscsi 设备 iqn
>rpm -ivh iscsi-initiator-utils-6.2.0.871-0.10.SEL5_3.i386.rpm
>cat /etc/iscsi/initiatorname.iscsi

设备

设备 S16E-G1130 设备, 8TB
SATA 设备 RAID5, 设备 2TB 设备 4 设备 4 设备 Red Hat 设备, 设备 4 设备 IP

IP/GateWay Red Hat 设备 S16E-G1130

01 192.168.1.2/192.168.1.1 192.168.1.3/192.168.1.1
02 192.168.2.2/192.168.2.1 192.168.2.3/192.168.2.1
03 192.168.3.2/192.168.3.1 192.168.3.3/192.168.3.1
04 192.168.4.2/192.168.4.1 192.168.4.3/192.168.4.1

设备 NETMASK 设备 255.255.255.0

设备 iSCSI
1 设备 iSCSI
>service iscsi start

2 设备 iSCSI target iqn
>iscsiadm -m discovery -t st -p IP
IP: 设备 IP

3 设备 iSCSI
>iscsiadm -m node -T IQN -p IP - l
IQN: 设备
IP: 设备 IP

4 设备
>fdisk -l
设备

5 设备
>iscsiadm -m node
设备

6 设备
>service iscsi start
> iscsiadm -m discovery -t st -p 192.168.1.3
> iscsiadm -m node -T IQN -p 192.168.1.3 - l # IQN
> iscsiadm -m discovery -t st -p 192.168.2.3
> iscsiadm -m node -T IQN -p 192.168.2.3 - l # IQN
> iscsiadm -m discovery -t st -p 192.168.3.3
> iscsiadm -m node -T IQN -p 192.168.3.3 - l # IQN
> iscsiadm -m discovery -t st -p 192.168.4.3
> iscsiadm -m node -T IQN -p 192.168.4.3 - l # IQN
>iscsiadm -m node
设备 4

设备 Device Mapper Multipath
# 设备 device-mapper.1.02.28.tgz

```

```
>tar zxvf device-mapper.1.02.28.tgz;cd device-mapper.1.02.28
>./configure;make;make install

# multipath-tools-0.4.6.1.tar.bz2
>tar jxvf multipath-tools-0.4.6.1.tar.bz2;cd multipath-tools-0.4.6.1
>make;make install

#
> modprobe dm_multipath

    4 virtual disk
    multipath

1) etc/multipath.conf
multipath.conf
defaults {
user_friendly_names yes
udev_dir /dev
path_grouping_policy multibus
failback immediate
no_path_retry fail
}

2)
>service multipathd restart
/dev/mapper/mpathn,
/dev/mpath/mpathn,
/dev/dm-n.

/dev/mapper/mpathn
/dev/mpath/mpathn udev
/dev/dm-n

3) multipath -ll
>multipath -ll

4) pvcreate /dev/mapper/mpath1

5) fdisk /dev/mapper/mpath1
>parted /dev/mapper/mpath1
/dev/mapper/mpath1p1 mpath11.
>multipath -F
>multipath -v3
>fdisk -l
dm-1

6) mkdir /media/mpath1p1;mount /dev/mapper/mpath1p1 /media/mpath1p1

7) multipathd
>chkconfig multipathd on

8)
iscsi
>iscsiadm -m node -o delete -T IQN -p IP
>tail /var/log/messages
>multipath -ll

9) /dev/mapper/mpath1
# /dev/mapper/mpath1
>dd if=/dev/zero of=/dev/mapper/mpath1 bs=128k
#
>iostat 1
    4

iostat
>tar zxvf sysstat-9.0.5.tar.gz;cd sysstat-9.0.5
>./configure;make;make install

10)
4

11)
dd if=/dev/zero of=/dev/mapper/mpath1 bs=128k count=2048000
268435456000 bytes (268 GB) copied, 1712.14 seconds, 157 MB/s

dd if=/dev/zero of=/dev/mapper/mpath1 bs=128k count=204800
26843545600 bytes (27 GB) copied, 166.543 seconds, 161 MB/s

dd if=/dev/zero of=/dev/mapper/mpath1 bs=128k count=20480
2684354560 bytes (2.7 GB) copied, 11.2825 seconds, 238 MB/s

dd if=/dev/zero of=/dev/mapper/mpath1 bs=128k count=2048
268435456 bytes (268 MB) copied, 0.443421 seconds, 605 MB/s
```

```
dd if=/dev/zero of=/dev/mapper/mpath1 bs=128k count=4096
536870912 bytes (537 MB) copied, 0.759899 seconds, 707 MB/s

dd if=/dev/zero of=/dev/mapper/mpath1 bs=128k count=40960
5368709120 bytes (5.4 GB) copied, 28.393 seconds, 189 MB/s

dd if=/dev/zero of=/dev/mapper/mpath1 bs=128k count=409600
53687091200 bytes (54 GB) copied, 334.216 seconds, 161 MB/s

dd if=/dev/zero of=/dev/mapper/mpath1 bs=128k count=3072000
375809638400 bytes (376 GB) copied, 2375.54 seconds, 158 MB/s

#####
#####100MB/s#####512MB#####155MB/s
~190MB/s#####2#####3#####
```