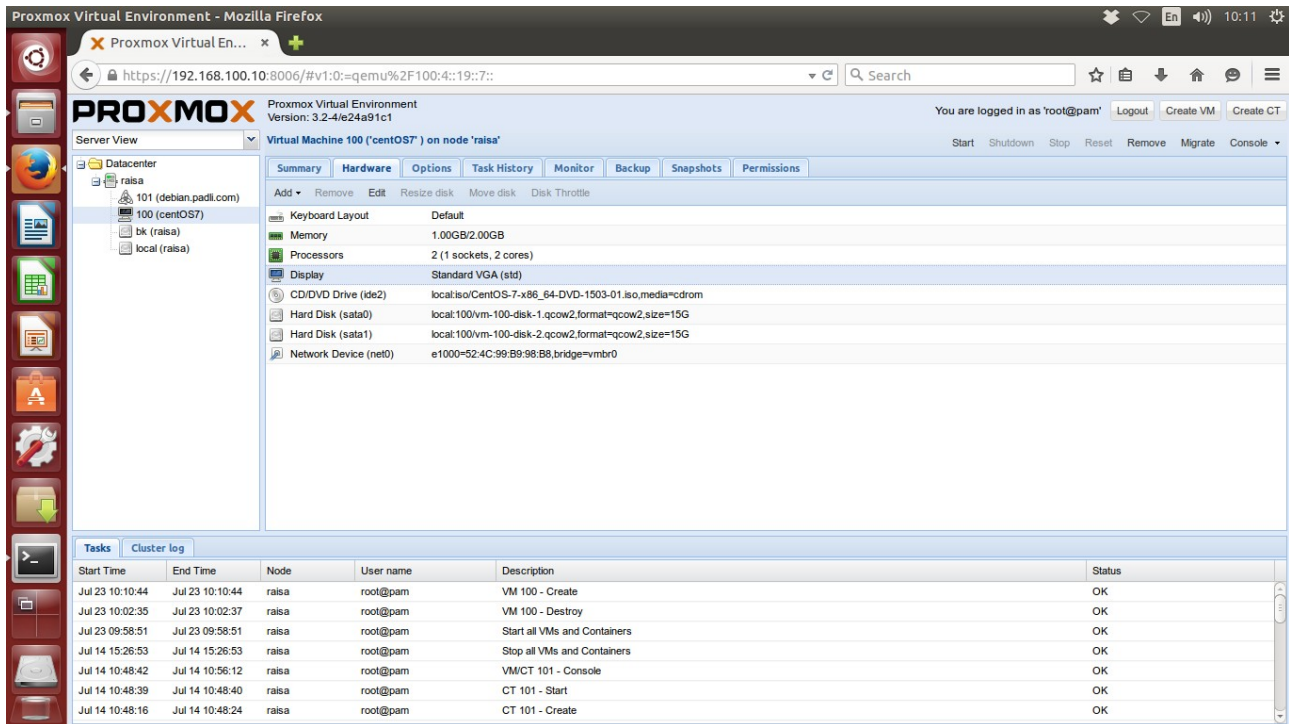


# INSTALLASI CENTOS RAID1

Note : Contoh instalasi centOS 7 dilakukan dengan PROXMOX.

1. set VM dengan 2 hdd yg identik.



Proxmox Virtual Environment - Mozilla Firefox

Proxmox Virtual Environment  
Version: 3.2-4/e24a91c1

You are logged in as 'root@pam' Logout Create VM Create CT

Server View Virtual Machine 100 ('centOS7') on node 'raisa'

Summary Hardware Options Task History Monitor Backup Snapshots Permissions

Add Remove Edit Resize disk Move disk Disk Throttle

Keyboard Layout Default

Memory 1.00GB/2.00GB

Processors 2 (1 sockets, 2 cores)

Display Standard VGA (std)

CD/DVD Drive (ide2) local:iso/CentOS-7-x86\_64-DVD-1503-01.iso,media=cdrom

Hard Disk (sata0) local:100/vm-100-disk-1.qcow2,format=qcow2,size=15G

Hard Disk (sata1) local:100/vm-100-disk-2.qcow2,format=qcow2,size=15G

Network Device (net0) e1000=52:4C:99:B9:98:B8,bridge=vbr0

Tasks Cluster log

Start Time	End Time	Node	User name	Description	Status
Jul 23 10:10:44	Jul 23 10:10:44	raisa	root@pam	VM 100 - Create	OK
Jul 23 10:02:35	Jul 23 10:02:37	raisa	root@pam	VM 100 - Destroy	OK
Jul 23 09:58:51	Jul 23 09:58:51	raisa	root@pam	Start all VMs and Containers	OK
Jul 14 15:26:53	Jul 14 15:26:53	raisa	root@pam	Stop all VMs and Containers	OK
Jul 14 10:48:42	Jul 14 10:56:12	raisa	root@pam	VM/CT 101 - Console	OK
Jul 14 10:48:39	Jul 14 10:48:40	raisa	root@pam	CT 101 - Start	OK
Jul 14 10:48:16	Jul 14 10:48:24	raisa	root@pam	CT 101 - Create	OK

2. install CentOS 7, pada config partisi set seperti gambar.

VM 100 ('centOS7') - Mozilla Firefox

https://192.168.100.10:8006/?console=kvm&vmid=100&vmname=centOS7&node=raisa

Start Shutdown Stop SendKey ▼ Reset Suspend Resume Console Refresh Reload

## INSTALLATION DESTINATION

Done

### CENTOS 7 INSTALLATION

us Help!

#### Device Selection

Select the device(s) you'd like to install to. They will be left untouched until you click on the main menu's "Begin Installation" button.

##### Local Standard Disks

15 GiB	15 GiB
ATA QEMU HARDDISK	ATA QEMU HARDDISK
sda / 15 GiB free	sdb / 15 GiB free

*Disks left unselected here will not be touched.*

##### Specialized & Network Disks

Add a disk...

*Disks left unselected here will not be touched.*

#### Other Storage Options

##### Partitioning

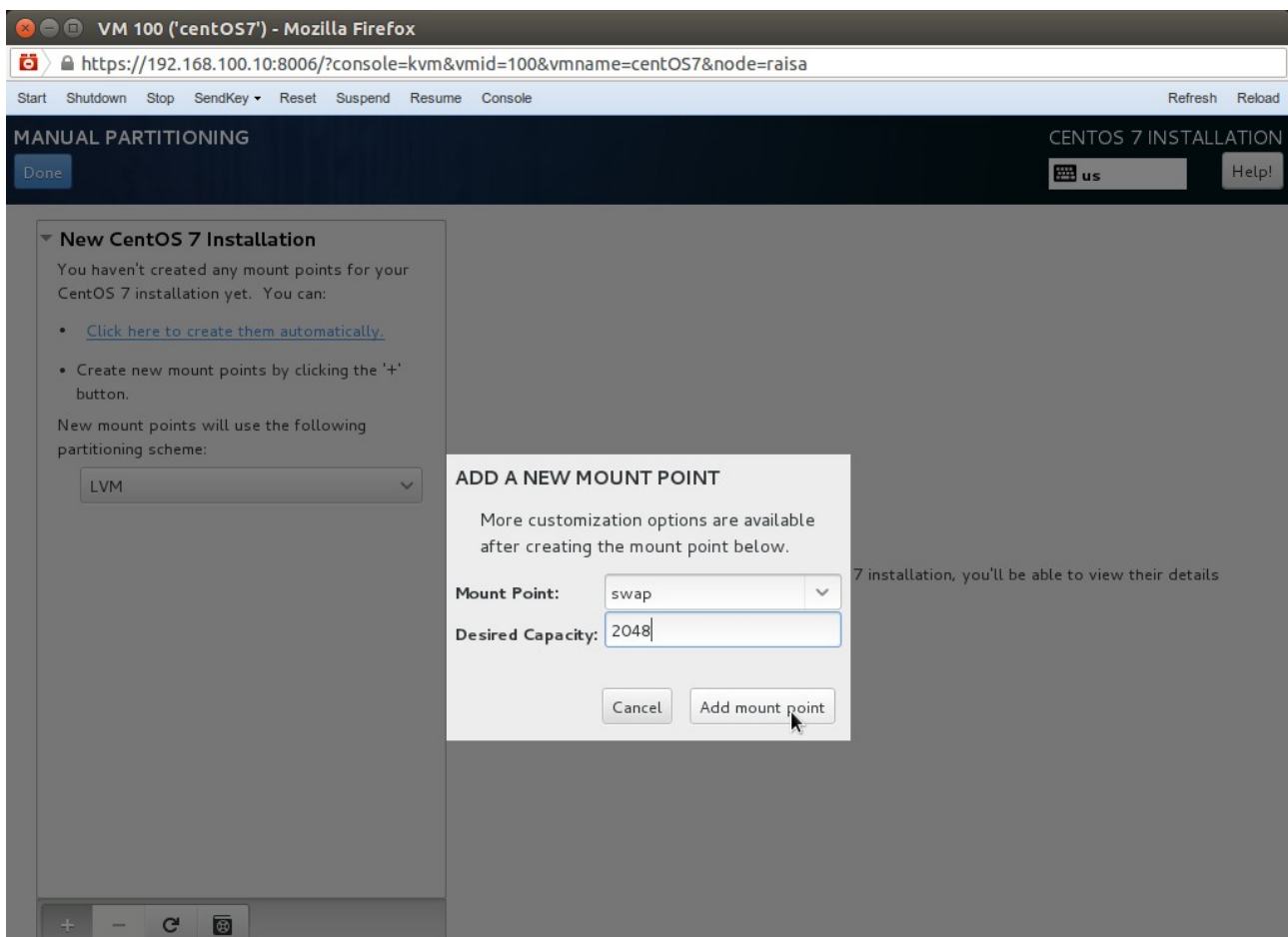
☐ Automatically configure partitioning. ☒ I will configure partitioning.

☐ I would like to make additional space available.

##### Encryption

☐ Encrypt my data. You'll set a passphrase later.

### 3. set swap.




#### 4. config swap.

VM 100 ('centOS7') - Mozilla Firefox

https://192.168.100.10:8006/?console=kvm&vmid=100&vmname=centOS7&node=raisa

Start Shutdown Stop SendKey ▾ Reset Suspend Resume Console Refresh Reload

**MANUAL PARTITIONING** **CENTOS 7 INSTALLATION**

Done  us Help!

▼ New CentOS 7 Installation

DATA

SYSTEM

**swap** 2048 MiB >

centos-swap

**centos-swap**

Mount Point:

Desired Capacity:

2048 MiB

Device Type:

RAID ▾ ☐ Encrypt

File System:

swap ▾ ☒ Reformat

Label:

swap

Device(s):

ATA QEMU HARDDISK (sda) and 1 other

Modify...

RAID Level:

RAID1 (Redundancy) ▾

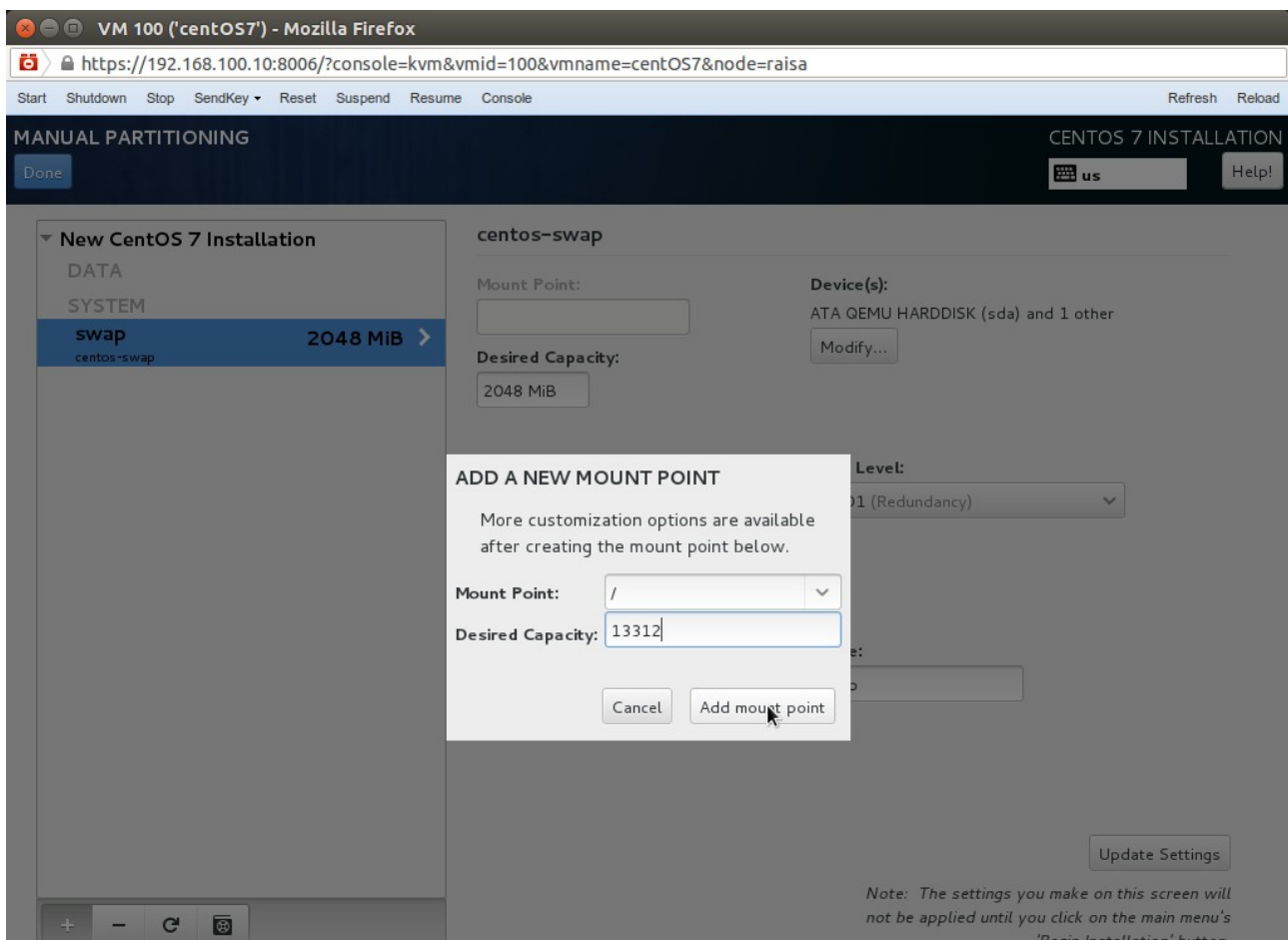
Name:

swap

Update Settings

*Note: The settings you make on this screen will not be applied until you click on the main menu's 'Begin Installation' button*

## 5. set root partisi.




## 6. config root partisi.

VM 100 ('centOS7') - Mozilla Firefox

https://192.168.100.10:8006/?console=kvm&vmid=100&vmname=centOS7&node=raisa

Start Shutdown Stop SendKey ▾ Reset Suspend Resume Console Refresh Reload

**MANUAL PARTITIONING** **CENTOS 7 INSTALLATION**

Done  us Help!

▼ New CentOS 7 Installation

DATA

SYSTEM

**/** 13 GiB >

centos-root

**swap** 2048 MiB

swap

**centos-root**

**Mount Point:**

/

**Device(s):**

ATA QEMU HARDDISK (sda) and 1 other

Modify...

**Desired Capacity:**

13 GiB

**Device Type:**

RAID ▾ ☐ Encrypt

**RAID Level:**

RAID1 (Redundancy) ▾

**File System:**

ext4 ▾ ☒ Reformat

**Label:**

root

**Name:**

root

Update Settings

*Note: The settings you make on this screen will not be applied until you click on the main menu's 'Begin Installation' button*

7. ok.

VM 100 ('centOS7') - Mozilla Firefox

https://192.168.100.10:8006/?console=kvm&vmid=100&vmname=centOS7&node=raisa

Start Shutdown Stop SendKey Reset Suspend Resume Console Refresh Reload

MANUAL PARTITIONING

CENTOS 7 INSTALLATION

Done

us Help!

New CentOS 7 Installation

DATA

SYSTEM

/

centos-root

swap

swap

centos-root

Mount Point: /

Device(s): ATA QEMU HARDDISK (sda) and 1 other

**SUMMARY OF CHANGES**

Your customizations will result in the following changes taking effect on the disks you've selected:

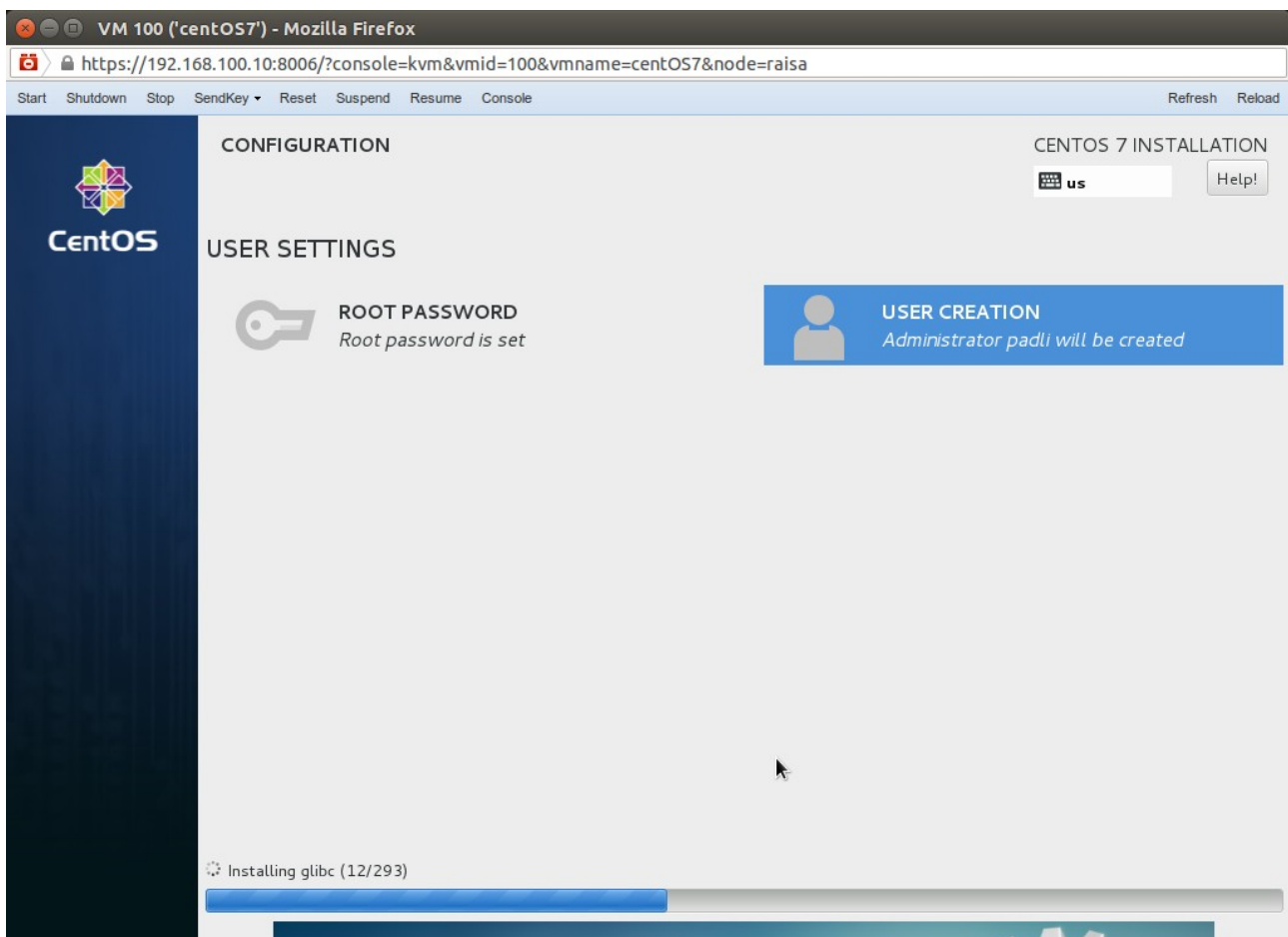
Order	Action	Type	Device	Mount point
1	Destroy Format	Unknown	ATA QEMU HARDDISK (sdb)	
2	Destroy Format	Unknown	ATA QEMU HARDDISK (sda)	
3	Create Format	partition table (MSDOS)	ATA QEMU HARDDISK (sdb)	
4	Create Device	partition	sdb1 on ATA QEMU HARDDISK	
5	Create Device	partition	sdb2 on ATA QEMU HARDDISK	
6	Create Format	software RAID	sdb2 on ATA QEMU HARDDISK	
7	Create Format	software RAID	sdb1 on ATA QEMU HARDDISK	
8	Create Format	partition table (MSDOS)	ATA QEMU HARDDISK (sda)	
9	Create Device	partition	sda1 on ATA QEMU HARDDISK	
10	Create Device	partition	sda2 on ATA QEMU HARDDISK	
11	Create Format	software RAID	sda2 on ATA QEMU HARDDISK	

Cancel & Return to Custom Partitioning Accept Changes

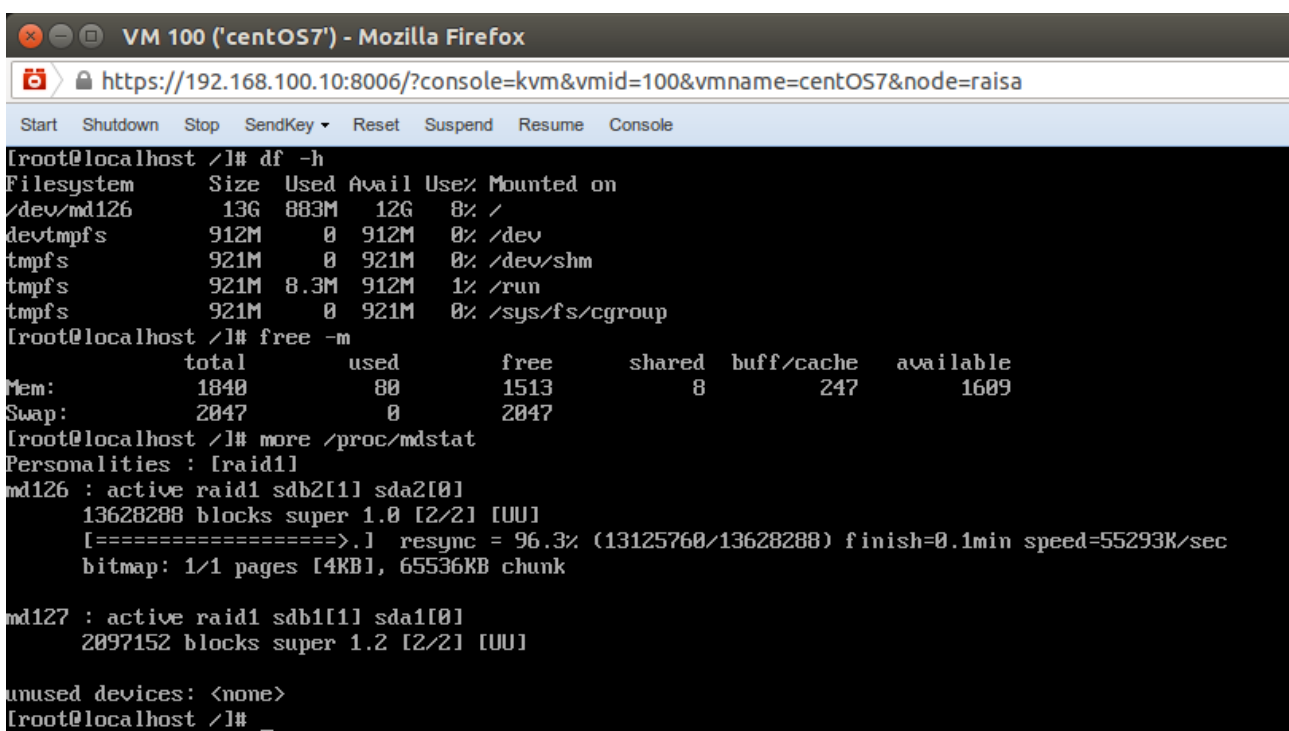
Update Settings

Note: The settings you make on this screen will not be applied until you click on the main menu's 'Begin Installation' button.

## 8. proses instalasi.



## 9. booting centos dan cek.





```
VM 100 ('centOS7') - Mozilla Firefox
https://192.168.100.10:8006/?console=kvm&vmid=100&vmname=centOS7&node=raisa
Start Shutdown Stop SendKey Reset Suspend Resume Console
[root@localhost /]# mdadm --detail /dev/md126
/dev/md126:
  Version : 1.0
  Creation Time : Thu Jul 23 10:22:36 2015
    Raid Level : raid1
    Array Size : 13628288 (13.00 GiB 13.96 GB)
  Used Dev Size : 13628288 (13.00 GiB 13.96 GB)
    Raid Devices : 2
    Total Devices : 2
 Persistence : Superblock is persistent

Intent Bitmap : Internal

  Update Time : Thu Jul 23 10:32:14 2015
    State : clean
Active Devices : 2
Working Devices : 2
Failed Devices : 0
Spare Devices : 0

    Name : localhost:root
    UUID : dead1f69:2ec093bb:a233fc6f:9df65ec8
    Events : 76

   Number Major Minor RaidDevice State
      0     8      2        0  active sync  /dev/sda2
      1     8     18        1  active sync  /dev/sdb2
[root@localhost /]#
```

Dok 24/07/2015 padliyulian@ymail.com