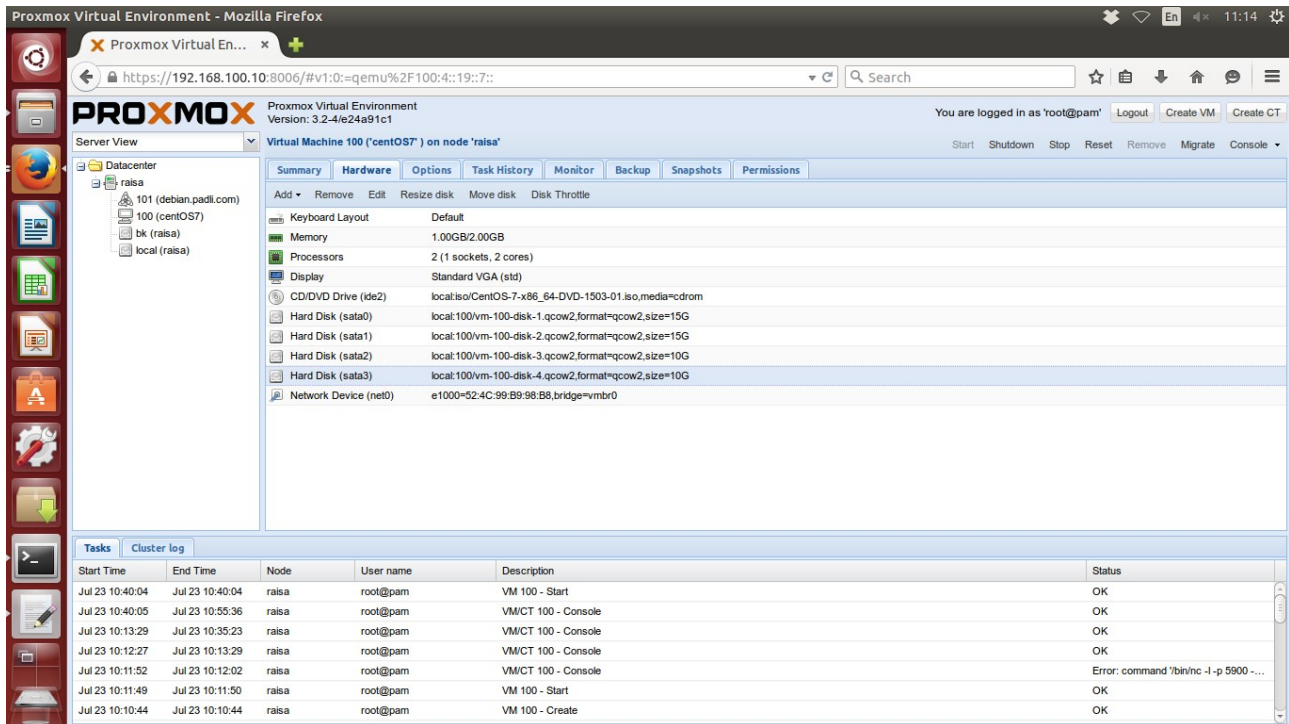


CONFIGURASI RAID0 CENTOS

Note : Contoh config centOS 7 dilakukan dengan PROXMOX.

1. tambahkan 2 hdd yg identik.



2. cek hdd.

```
[root@centOS7 /]# fdisk -l

Disk /dev/sdc: 10.7 GB, 10737418240 bytes, 20971520 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/sdd: 10.7 GB, 10737418240 bytes, 20971520 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
```

3. set raid0.

```
padli@centOS7:/  
[root@centOS7 /]# mdadm --create /dev/md0 --level=raid0 --raid-devices=2 /dev/sdc /dev/sdd  
mdadm: Defaulting to version 1.2 metadata  
mdadm: array /dev/md0 started.  
[root@centOS7 /]#
```

4. cek raid0.

```
padli@centOS7:/  
[root@centOS7 /]# more /proc/mdstat  
Personalities : [raid1] [raid0]  
md0 : active raid0 sdd[1] sdc[0]  
      20955136 blocks super 1.2 512k chunks  
  
md126 : active raid1 sdb2[1] sda2[0]  
      13628288 blocks super 1.0 [2/2] [UU]  
      bitmap: 0/1 pages [0KB], 65536KB chunk  
  
md127 : active raid1 sdb1[1] sda1[0]  
      2097152 blocks super 1.2 [2/2] [UU]  
  
unused devices: <none>  
[root@centOS7 /]#
```

5. format dev.

```
padli@centOS7:/  
[root@centOS7 /]# mkfs.ext4 /dev/md0
```

6. cek dev.

```
padli@centOS7:/  
[root@centOS7 /]# mdadm --detail /dev/md0  
/dev/md0:  
    Version : 1.2  
    Creation Time : Thu Jul 23 11:20:31 2015  
    Raid Level : raid0  
    Array Size : 20955136 (19.98 GiB 21.46 GB)  
    Raid Devices : 2  
    Total Devices : 2  
    Persistence : Superblock is persistent  
  
    Update Time : Thu Jul 23 11:20:31 2015  
    State : clean  
Active Devices : 2  
Working Devices : 2  
Failed Devices : 0  
Spare Devices : 0  
  
    Chunk Size : 512K  
  
    Name : centOS7.localhost:0 (local to host centOS7.localhost)  
    UUID : c5075362:62efbe11:0660ef87:3ff36ab8  
    Events : 0  
  
    Number   Major   Minor   RaidDevice State  
    0         8       32         0     active sync  /dev/sdc  
    1         8       48         1     active sync  /dev/sdd  
[root@centOS7 /]#
```

7. set mount point.

```
padli@centOS7:/  
[root@centOS7 /]# mkdir /raid0  
[root@centOS7 /]# mount /dev/md0 /raid0/  
[root@centOS7 /]# df -h /raid0/  
Filesystem      Size  Used Avail Use% Mounted on  
/dev/md0        20G   45M   19G   1% /raid0  
[root@centOS7 /]#
```

8. set mdadm.conf.

```
padli@centOS7:/  
[root@centOS7 /]# mdadm --detail --scan > /etc/mdadm.conf  
[root@centOS7 /]# more /etc/mdadm.conf  
ARRAY /dev/md/swap metadata=1.2 name=localhost:swap UUID=b28c1a44:635b7e43:9b7  
2db22:6f62bfff4  
ARRAY /dev/md/root metadata=1.0 name=localhost:root UUID=dead1f69:2ec093bb:a23  
3fc6f:9df65ec8  
ARRAY /dev/md0 metadata=1.2 name=centOS7.localhost:0 UUID=c5075362:62efbe11:06  
60ef87:3ff36ab8  
[root@centOS7 /]#
```

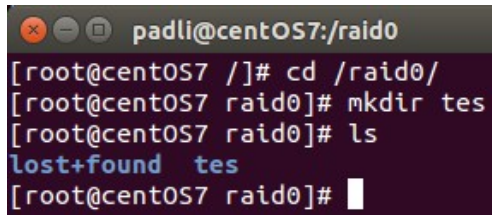
9. tambahkan pada fstab agar termount saat booting.

```
padli@centOS7:/  
#  
# /etc/fstab  
# Created by anaconda on Thu Jul 23 10:22:42 2015  
#  
# Accessible filesystems, by reference, are maintained under '/dev/disk'  
# See man pages fstab(5), findfs(8), mount(8) and/or blkid(8) for more info  
#  
UUID=9f196362-ea7e-4170-b94a-c44cf43a29bf / ext4 defaults 1 1  
UUID=52a24b91-da38-4952-8051-b7529696a1df swap swap defaults 0 0  
  
/dev/md0 /raid0 ext4 defaults 1 1
```

10. reboot.

```
padli@centOS7:/  
[root@centOS7 /]# reboot
```

11. tes raid0.



```
padli@centOS7:/raid0
[root@centOS7 /]# cd /raid0/
[root@centOS7 raid0]# mkdir tes
[root@centOS7 raid0]# ls
lost+found tes
[root@centOS7 raid0]#
```

Dok 24/07/2015 padliyulian@ymail.com