

Device(s)	Label	Filesystem ...	Total	Available	Used	Mounted	Referenced	Status
/dev/sdb1		ext4	105.84 GiB	91.48 GiB	8.94 GiB	Yes	Yes	Online
/dev/sdb5		swap	n/a	n/a	n/a	No	No	Online
/dev/md0	BackupDrive	ext4	5.41 TiB	4.07 TiB	1.34 TiB	Yes	Yes	Online
/dev/sda1		ext4	n/a	n/a	n/a	No	No	Missing

So I have 1- SSD as the boot drive

And my Raid 5 consists of 4 – 2TB WD Red drives... SDA1 is the drive that is missing

Linux openmediavault.Windows 5.7.0-0.bpo.2-amd64 #1 SMP Debian 5.7.10-1~bpo10+1 (2020-07-30) x86_64

The programs included with the Debian GNU/Linux system are free software; the exact distribution terms for each program are described in the individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.

Web console: <https://openmediavault.Windows:9090/> or <https://192.168.1.200:9090/>

Last login: Thu Sep 10 09:52:26 2020

```
root@openmediavault:~# cat /proc/mdstat
```

```
Personalities : [linear] [multipath] [raid0] [raid1] [raid6] [raid5] [raid4] [raid10]
```

```
md0 : active raid5 sde[2] sdd[1] sdc[0]
```

```
5860147200 blocks super 1.2 level 5, 512k chunk, algorithm 2 [4/3] [UUU_]
```

```
bitmap: 7/15 pages [28KB], 65536KB chunk
```

```
unused devices: <none>
```

```
root@openmediavault:~# fdisk -l | grep "Disk "
```

```
Disk /dev/sda: 1.8 TiB, 2000398934016 bytes, 3907029168 sectors
```

```
Disk model: WDC WD20EFRX-68E
```

```
Disk /dev/sdb: 111.8 GiB, 120034123776 bytes, 234441648 sectors
```

```
Disk model: PNY CS900 120GB
```

```
Disk identifier: 0x749029e3
```

```
Disk /dev/sdd: 1.8 TiB, 2000398934016 bytes, 3907029168 sectors
```

```
Disk model: WDC WD20EFRX-68E
```

```
Disk /dev/sdc: 1.8 TiB, 2000398934016 bytes, 3907029168 sectors
```

```
Disk model: WDC WD20EFRX-68E
```

```
Disk /dev/md0: 5.5 TiB, 6000790732800 bytes, 11720294400 sectors
```

```
Disk /dev/sde: 1.8 TiB, 2000398934016 bytes, 3907029168 sectors
```

```
Disk model: WDC WD20EARX-00P
```

```
root@openmediavault:~# blkid
```

```
/dev/sda: UUID="990f19c7-dc6e-fc9e-944b-48e2efa66b33" UUID_SUB="94395aa4-4643-da  
ae-442e-0ec46456ccd2" LABEL="openmediavault:0" TYPE="linux_raid_member"
```

```
/dev/sdb1: UUID="ed81636b-f347-4e63-9163-1d946ab96b1a" TYPE="ext4" PARTUUID="749  
029e3-01"
```

```
/dev/sdb5: UUID="02919ac6-d8c4-446f-a2a3-e7db440fb77a" TYPE="swap" PARTUUID="749  
029e3-05"
```

```
/dev/sdd: UUID="990f19c7-dc6e-fc9e-944b-48e2efa66b33" UUID_SUB="636e2d48-347c-7a  
77-a426-cd77051cd0ff" LABEL="openmediavault:0" TYPE="linux_raid_member"
```

```
/dev/md0: LABEL="BackupDrive" UUID="71719f32-f2f1-4fed-bde9-36f2d421ee83" TYPE="ext4"
```

```
/dev/sdc: UUID="990f19c7-dc6e-fc9e-944b-48e2efa66b33" UUID_SUB="b491f7f1-1fc0-74  
c2-6097-e4a88af469fe" LABEL="openmediavault:0" TYPE="linux_raid_member"
```

```
/dev/sde: UUID="990f19c7-dc6e-fc9e-944b-48e2efa66b33" UUID_SUB="96e43a1c-d340-db  
25-4e66-5253ee435822" LABEL="openmediavault:0" TYPE="linux_raid_member"
```

```
root@openmediavault:~# blkid
```

```
/dev/sda: UUID="990f19c7-dc6e-fc9e-944b-48e2efa66b33" UUID_SUB="94395aa4-4643-daae-442e-0ec46456ccd2" LABEL="openmediavault:0"
TYPE="linux_raid_member"

/dev/sdb1: UUID="ed81636b-f347-4e63-9163-1d946ab96b1a" TYPE="ext4" PARTUUID="749029e3-01"

/dev/sdb5: UUID="02919ac6-d8c4-446f-a2a3-e7db440fb77a" TYPE="swap" PARTUUID="749029e3-05"

/dev/sdd: UUID="990f19c7-dc6e-fc9e-944b-48e2efa66b33" UUID_SUB="636e2d48-347c-7a77-a426-cd77051cd0ff" LABEL="openmediavault:0"
TYPE="linux_raid_member"

/dev/md0: LABEL="BackupDrive" UUID="71719f32-f2f1-4fed-bde9-36f2d421ee83" TYPE="ext4"

/dev/sdc: UUID="990f19c7-dc6e-fc9e-944b-48e2efa66b33" UUID_SUB="b491f7f1-1fc0-74c2-6097-e4a88af469fe" LABEL="openmediavault:0"
TYPE="linux_raid_member"

/dev/sde: UUID="990f19c7-dc6e-fc9e-944b-48e2efa66b33" UUID_SUB="96e43a1c-d340-db25-4e66-5253ee435822" LABEL="openmediavault:0"
TYPE="linux_raid_member"
```

```
root@openmediavault:~# cat /etc/mdadm/mdadm.conf
```

```
# This file is auto-generated by openmediavault (https://www.openmediavault.org)
```

```
# WARNING: Do not edit this file, your changes will get lost.
```

```
# mdadm.conf
```

```
#
```

```
# Please refer to mdadm.conf(5) for information about this file.
```

```
#
```

```
# by default, scan all partitions (/proc/partitions) for MD superblocks.
```

```
# alternatively, specify devices to scan, using wildcards if desired.
```

```
# Note, if no DEVICE line is present, then "DEVICE partitions" is assumed.
```

```
# To avoid the auto-assembly of RAID devices a pattern that CAN'T match is
```

```
# used if no RAID devices are configured.
```

```
DEVICE partitions
```

```
# auto-create devices with Debian standard permissions
```

```
CREATE owner=root group=disk mode=0660 auto=yes
```

```
# automatically tag new arrays as belonging to the local system
```

```
HOMEHOST <system>
```

```
# definitions of existing MD arrays
```

```
ARRAY /dev/md0 metadata=1.2 name=openmediavault:0 UUID=990f19c7:dc6efc9e:944b48e2:efa66b33
```

```
root@openmediavault:~# mdadm --detail --scan --verbose
```

```
ARRAY /dev/md0 level=raid5 num-devices=4 metadata=1.2 name=openmediavault:0  
UUID=990f19c7:dc6efc9e:944b48e2:efa66b33
```

```
devices=/dev/sdc,/dev/sdd,/dev/sde
```

```
root@openmediavault:~# mdadm --detail --scan --verbose
```

```
ARRAY /dev/md0 level=raid5 num-devices=4 metadata=1.2 name=openmediavault:0  
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devices=/dev/sdc,/dev/sdd,/dev/sde
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Personalities : [linear] [multipath] [raid0] [raid1] [raid6] [raid5] [raid4] [raid10]
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