# MergerFS and Snapraid

https://www.linuxserver.io/blog/2017-06-24-the-perfect-media-server-2017

## mergerfs in /etc/fstab

```
/snapdisk*□/snapMedia fuse.mergerfs  direct_io,x-systemd.device-timeout=20,defaults,allow_other,minfreespace=50G,fsname=mergerfs,category.create=mfs 0 0
```

## /etc/snapraid.conf

```
# Example configuration for snapraid

# Defines the file to use as parity storage
# It must NOT be in a data disk
# Format: "parity FILE_PATH"
parity /snapparity14/snapraid.parity

# Defines the files to use as content list
# You can use multiple specification to store more copies
# You must have least one copy for each parity file plus one. Some more don't hurt
# They can be in the disks used for data, parity or boot,
# but each file must be in a different disk
# Format: "content FILE_PATH"
content /var/snapraid.content
content /snapdisk15/.snapraid.content
content /snapdisk12/.snapraid.content

# Defines the data disks to use
# The order is relevant for parity, do not change it
# Format: "disk DISK_NAME DISK_MOUNT_POINT"
disk ata-WDC_WD161KRYZ-01AGBB0_2BJNHUGN /snapdisk15
disk ata-WDC_WD140EDGZ-11B1PA0_Y6GW3NUC /snapdisk12
disk ata-WDC_WD120EDBZ-11B1HA0_5QHY9WUB /snapdisk13
#disk ata-WDC_WD120EDAZ-11F3RA0_5PHWPLGF /snapdisk11

# Excludes hidden files and directories (uncomment to enable).
```

```
#nohidden

# Defines files and directories to exclude
# Remember that all the paths are relative at the mount points
# Format: "exclude FILE"
# Format: "exclude DIR/"
# Format: "exclude /PATH/FILE"
# Format: "exclude /PATH/DIR/"
exclude *.unrecoverable
exclude /tmp/
exclude /lost+found/
exclude downloads/
exclude appdata/
exclude snapshots/
exclude *.!sync
exclude .AppleDouble
exclude ._AppleDouble
exclude .DS_Store
exclude ._.DS_Store
exclude .Thumbs.db
exclude .fseventsd
exclude .Spotlight-V100
exclude .TemporaryItems
exclude .Trashes
exclude .AppleDB
```

https://stackoverflow.com/questions/24966676/transport-endpoint-is-not-connected

```
fusermount -uz /snapMedia
mount /snapMedia
```

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Revision #3
Created 2022-01-31 08:15:43 UTC by Clinton
Updated 2023-06-29 05:10:12 UTC by Clinton