## Лабораторная работа №16

Управление логическими томами

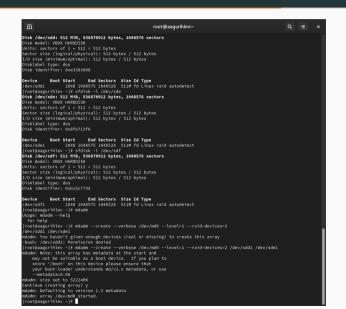
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Лабораторная работа №16

#### Работа с массивами RAID 1



#### Работа с массивами и их запасками

```
▣
                                                root@aagurihlev:~
     Undate Time : Sat Dec 21 17:38:51 2024
  Active Devices : 2
 Working Devices : 3
   Spare Devices : 1
Consistency Policy : resync
            Name : aagurihlev.localdomain:0 (local to host aagurihlev.localdomain)
            UUID: 6a530731:0a9c83fb:53a7df0a:7d3e4b56
          Major Minor RaidDevice State
                                      active sync /dev/sddl
                                      active sync /dev/sdel
                                     spare /dev/sdf1
root@aagurihlev ~l# mdadm /dev/md0 --fail /dev/sdel
mdadm: set /dev/sdel faulty in /dev/md0
[root@aagurihlev ~]# mdadm --detail /dev/md@
/dev/mdG:
   Creation Time : Sat Dec 21 17:38:21 2024
      Array Size : 522240 (510.00 NiB 534.77 MB)
   Used Dev Size : 522240 (510.00 NiR 534.77 MR)
   Total Devices : 3
     Persistence : Superblock is persistent
     Undate Time : Sat Dec 21 17:41:02 2024
  Active Devices : 2
 Working Devices : 2
   Spare Devices : 0
Consistency Policy : resync
            Name : aagurihlev.localdomain:0 (local to host aagurihlev.localdomain)
            UUID: 6a530731:0a9c83fb:53a7df0a:7d3e4b56
          Major Minor RaidDevice State
                                      active sync /dev/sddl
                                     active sync /dev/sdf1
root@aagurihlev ~l#
```

### Работа с изменением массива, RAID 1 в RAID 5

```
▣
                                                 root@aagurihlev:~
 Working Devices : 3
   Spare Devices : 1
Consistency Policy : resync
            Name : aagurihlev.localdomain:0 (local to host aagurihlev.localdomain)
            UUID : bf498fb7:ce2c0f2c:54d3a0bb:108cd507
          Major Minor RaidDevice State
                                      active sync /dev/sddl
                                      active sync /dev/sdel
                                     spare /dev/sdf1
root@aagurihlev ~1# mdadm --grow /dev/md@ --level=5
mdadm: level of /dev/md0 changed to raid5
[root@aagurihlev ~]# mdadm --detail /dev/md0
/dev/md0:
   Creation Time : Sat Dec 21 17:43:32 2024
      Array Size : 522240 (510.00 NiB 534.77 MB)
   Used Dev Size : 522240 (510.00 NiB 534.77 MB)
   Total Devices : 3
     Persistence : Superblock is persistent
     Update Time : Sat Dec 21 17:45:28 2024
  Active Devices : 2
  Working Devices : 3
   Spare Devices : 1
          Layout : left-symmetric
      Chunk Size : 64K
Consistency Policy : resync
            Name : aagurihlev.localdomain:0 (local to host aagurihlev.localdomain)
            UUID : bf498fb7:ce2c0f2c:54d3a0bb:108cd507
          Major Minor RaidDevice State
                                      active sync /dev/sddl
                                     active sync /dev/sdel
                                     spare /dev/sdf1
root@aagurihlev ~l#
```