How to Check HPCC Disk Quota

To check your disk quota usage on HPCC use the following command on hpcc, i.e., (hpcc.brandeis.edu) or hpcc1, i.e., hpcc1.brandeis.edu

- `quota -ls`

```
[testuser@hpcc ~]$ quota -ls
 Disk quotas for user testuser (uid 1071):
    Filesystem   space      quota    limit    grace    files    quota     limit    grace
 10.2.255.100:/hpcphi_home2
               1000M     51200M      16384G    32       50000    4295M
 work1:/mnt/md0   20K       477G         0K    5        500k      0
```

- Each user has two directories with disk quota:

1. Disk quota for user's home directory. In the above example, 10.2.255.100:/hpcphi_home2:
   - column 1: used space in user's home directory (1000 MB)
   - column 2: maximum allowed disk quota in user's home directory (51200MB or 51.2GB)
   - column 3: ignore this flag.
   - column 4: empty
   - column 5: total number of files in user's home directory (32)
   - column 6: maximum allowed number of files in user's home directory (50,000 or 50K files)
   - column 7: ignore this flag.

2. Disk quota for user's work directory, i.e., $WORK. In the above example, work1:/mnt/md0
   - column 1: used space in user's work directory (20 KB)
   - column 2: maximum allowed disk quota in user's work directory (477GB)
   - column 3: ignore this flag.
   - column 4: empty
   - column 5: total number of files in user's work directory (5)
   - column 6: maximum allowed number of files in user's home directory (500,000 or 500K files)
   - column 7: ignore this flag.

- To review disk quota policies visit HPCC Disk Quota Policies