


# LPIC-1 101-400 – Lesson 20 – Lab

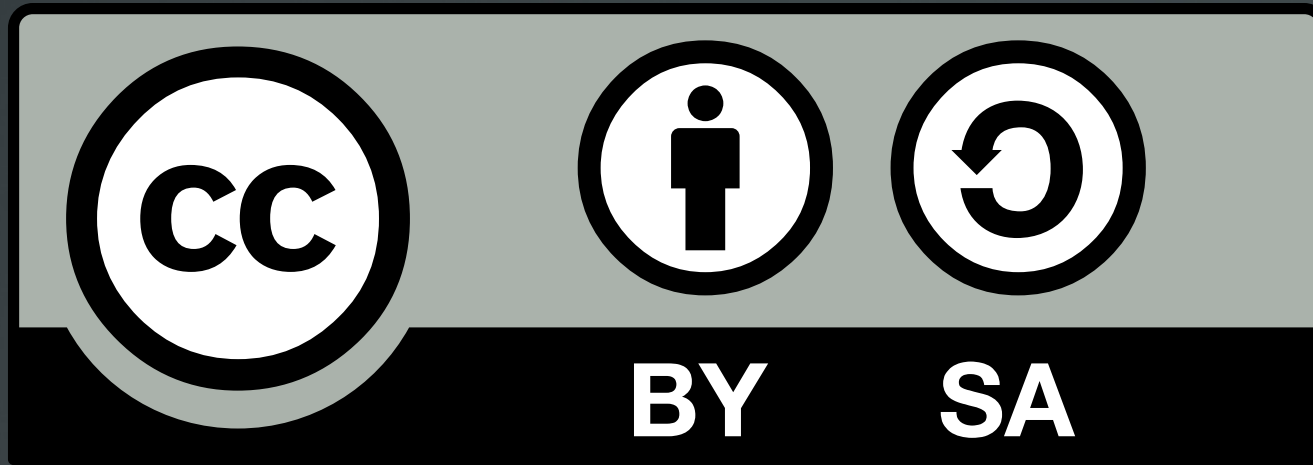
- \* Enter into your Lab environment as root
  - # yum -y install quota # for CentOS
  - # apt -y install quota # for Debian
  - # export EDITOR=/usr/bin/vi # set vi as the default editor for this session
  - # echo \$EDITOR # verify
  - # vi /etc/fstab # add the following line at the end:  
    /dev/vdb1 /home ext4 defaults,usrquota,grpquota 0 0
  - # mount /home # mount the home filesystem
  - # adduser user1 # create a user1 user
  - # ls -la /home # verify the homedir of user1
  - # quotacheck -cug /home # create the quota db files
  - # cd /home # change into /home
  - # ls -l # check the quota db files
  - # quotacheck -avug # check the quotas for all users and groups
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# Lesson 20 – Lab

- `# quota user1 # find the quotas for user1`
- `# edquota user1 # set the soft and hard limit to 20 και 22 MB respectively (1 block = 1kB)`
- `# edquota -t # set the grace period`
- `# quota user1 # view quotas for user1 again`
- `# quotaon -vug /home # turn on quotas for /home`
- `# su - user1 # switch to user1`
- `$ dd if=/dev/zero of=file1.zero bs=1024 count=21000 # create a 21 MB file. Any warning?`
- `$ ls -lh # list the file with size in human readable form`
- `$ dd if=/dev/zero of=file2.zero bs=1024 count=5000 # create a 21 MB file. Did it work?`
- `$ exit # exit to root user`
- `# requota -a # show a summary for all quota enabled filesystems`



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