RHSA 2 - LAB 4

1. Use fdisk -l to locate information about the partition sizes.

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2. Use fdisk to add a new logical partition that is 1GB in size.

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3. Did the kernel feel the changes? Display the content of /proc/partitions file? What did you notice? How to overcome that?

4. Make a new ext2 file system on the new logical partition you just created. Bonus: Try creating the ext2 filesystem with 2k blocks and one inode per every 4k (two blocks) of filesystem.

5. Create a directory, name it /data.

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smabrouk@localhost-

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Salma >> sudo mkdir /mount_point_for_sdb1

Salma >> sudo mount - t ext4 /dev/sdb1 /mount_point_for_sdb1

Salma >> df -h /mount_point_for_sdb1/

Filesystem Size Used Avail Usee Mounted on
/dev/sdb1 2916 28K 2766 1% /mount_point_for_sdb1

Salma >> sudo mkdir /mount_point_for_sdb1/data

Salma >> sudo mkdir /mount_point_for_sdb1/data
```

6. Add a label to the new filesystem, name it data.

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Salma >> sudo e2label /dev/sdb1 /data
Salma >>
```

7. Add a new entry to /etc/fstab for the new filesystem using the label you just create.

8. Mount the new filesystem.



9. Display your swap size.



10.Create a swap file of size 512MB.

