RHSA1 - Lab 2

1. Create a user account with the following attribute

• username: islam

• Fullname/comment: Islam Askar

Password: islam

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- 2. Create a user account with the following attribute
- Username: baduser
- Full name/comment: Bad User
- Password: baduser



3. Create a supplementary (Secondary) group called pgroup with group ID of 30000.

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4. Create a supplementary group called badgroup

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5. Add islam user to the pgroup group as a supplementary group

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| Samabrouk@local.host ~| $ getent group pgroup
| pgroup:x:30000:islam
| smabrouk@local.host ~| $ |
```

6. Modify the password of islam's account to password

7. Modify islam's account so the password expires after 30 days

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8. Lock bad user account so he can't log in

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[Smabrouk@localhost ~]$ sudo usermod -L baduser

[smabrouk@localhost ~]$ su badusr

su: user badusr does not exist

[smabrouk@localhost ~]$ su baduser

Password:

su: Authentication failure

[smabrouk@localhost ~]$

Smabrouk@localhost ~]$
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9. Delete bad user account

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[Smabrouk@localhost ~]$ sudo userdel baduser

[smabrouk@localhost ~]$ sudo tail -7 /etc/shadow
rpcuser:!!:19318:::::

gdm:!!:19318:::::

gnome-initial-setup:!!:19318:::::

sshd:!!:19318:::::

sshd:!!:19318:::::

sshd:!!:19318:::::

siam:*6$;166hWyhXj39Ls2F0$2quCoawNUqDtVCejzw6BXJNcpwuNJiUcBwN/uXldyoiImjiK4d.jQEc4QCAy2e3cCZKiRDbJjKFL

obWdPhtZn0::0:99999:7:::
islam:*$6$514gJT.oKTZLzche$FulhdvIrJWm4ANDSWrqDPksRo86nxeDRPAR/xYbURzWpMoRad7nnVz.kzSEcaCA5MEeoYB2cjJ2yoa5

THQg69/:19319:0:30:7:::

[smabrouk@localhost ~]$
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10. Delete the supplementary group called badgroup.

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11. Create a folder called myteam in your home directory and change its permissions to read only for the owner.

12.Log out and log in by another user

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13. Try to access (by cd command) the folder (myteam)

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14. Change the permissions of oldpasswd file to give owner read and write permissions and for group write and execute and execute only for the others (using chmod in 2 different ways).

15. Change your default permissions to be as above.

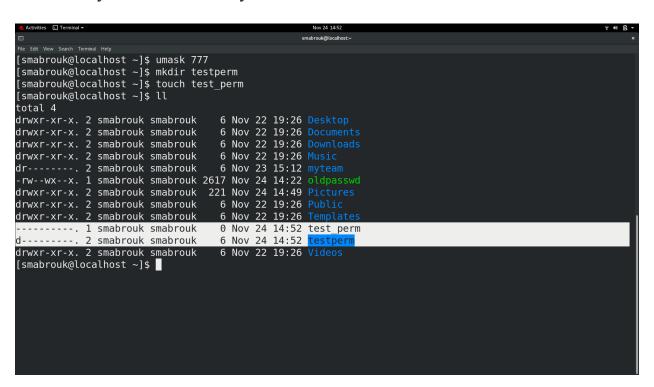
```
# No 24 1438 # No
```

16. What is the maximum permission a file can have, by default when it is just created? And what is that for directory.

Max. permissions for a file are: read & write.

Max. permissions for a directory are: read, write & execute.

17. Change your default permissions to be no permission to everyone then create a directory and a file to verify.



- 18. What are the minimum permission needed for:
- Copy a directory (permission for source directory and permissions for target parent directory)

Source: r,x Destination: w,x

• Copy a file (permission for source file and and permission for target parent directory)

Source: r,x Destination: w,x

Delete a file

Source (parent): w,x

• Change to a directory

• List a directory content (ls command)

r

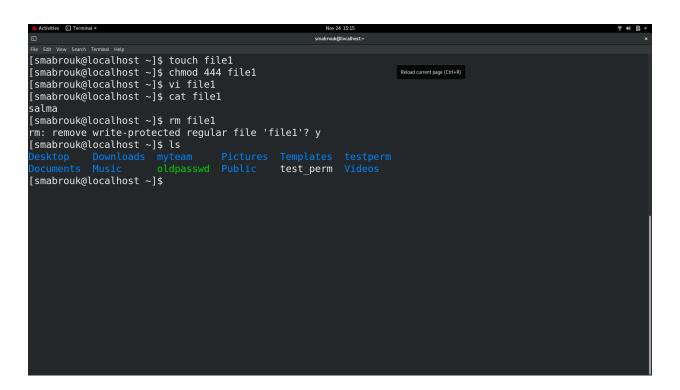
• View a file content (more/cat command)

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• Modify a file content

w

18. Create a file with permission 444. Try to edit in it and to remove it? Note what happened.



19. What is the difference between the "x" permission for a file and for a directory?

X permission is granted for directories by default and not granted to files by default.