

Modifying User Account

Spoken Tutorial Project

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives

We will learn about



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- `usermod` command



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- **Modifying attributes of user account**



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We will learn about

- **usermod command**
- **Modifying attributes of user account**
- **Locking and unlocking password/account**



System Requirements



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- **Ubuntu Linux 16.04 OS**



Pre-requisites



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- Please go through earlier Linux System Administration **tutorials** on **<http://spoken-tutorial.org/>**



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- Please go through earlier Linux System Administration **tutorials** on **<http://spoken-tutorial.org/>**
- You must have root access to your computer



usermod command

- Used to modify the attributes of an already created user account



usermod command

- Used to modify the attributes of an already created user account
- **Syntax:**
`usermod [options] username`



usermod command

- Used to modify the attributes of an already created user account
- Syntax:
`usermod [options] username`
- options **part is not mandatory**



Modifying Group: Example

- We will change the primary group from CSE to electronics



Modifying Group: Example

- We will change the primary group from CSE to electronics
- We will also change the supplementary group to literature_club



Modifying Group: Example

- But we have not created the groups: `electronics` and `literature_club`



Modifying Group: Example

- But we have not created the groups: `electronics` and `literature_club`
- First we have to create these two groups



Add a user to a new supplementary group



Add a user to a new supplementary group

- You should use `-a` option



Add a user to a new supplementary group

- You should use **-a option**
- a **option denotes** append



Changing Home Directory

- We can change the home directory for the user `radha` with the help of `usermod` command



Changing Home Directory

- The syntax to change the home directory of user `radha` to the directory named `testmod` is



Changing Home Directory

- The syntax to change the home directory of user `radha` to the directory named `testmod` is
- `usermod -m -d /home/testmod radha`



Changing Home Directory

- **-d: Modify the directory for any existing user account**



Changing Home Directory

- **-d:** Modify the directory for any existing user account
- **-m:** Moves the contents of the existing home directory to the new home directory



Important Note



Important Note

- We should write `-d` option immediately after the new directory name



Important Note

- We should write `-d` option immediately after the new directory name
- Else we will get an error



usermod -L

- It will lock only the access to password



usermod -L

- It will lock only the access to password
- If you wish to lock the account itself, you should also set the expiry date to 1



usermod -L(Cont.)

- **Type**

```
usermod -L -e 1 <username>
```



usermod -L(Cont.)

- **Type**

```
usermod -L -e 1 <username>
```

- **It will prevent the user from logging in from any other source including ssh**



Summary

In this tutorial we learnt about

- `usermod` command
- **Modifying attributes of user account**
- **Locking and unlocking password/account**



Assignment

Modify user account amit such that

- **Primary Group:** electronics
- **Supplementary groups:** music_club
and literature_club
- **Home directory:** amit_newDir
- **Comment:** Stream Change
Student
- **Expiry date:** 31st December, 2019



Assignment(Cont.)

- Perform all the mentioned tasks in a single command
- Check entry of user account `amit` in `/etc/passwd` and `/etc/group` files



About the Spoken Tutorial Project

- Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- It summarises the Spoken Tutorial project
- If you do not have good bandwidth, you can download and watch it



Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- Conducts workshops using spoken tutorials
- Gives certificates to those who pass an online test
- For more details, please write to contact@spoken-tutorial.org



Forum for specific questions

- Do you have questions in **THIS Spoken Tutorial?**
- Please visit
<http://forums.spoken-tutorial.org>
- Choose the minute and second where you have the question
- Explain your question briefly
- Someone from our team will answer them



Acknowledgements

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- More information on this Mission is available at:

<http://spoken-tutorial.org/NMEICT-Intro>



Thank You

Thanks for joining
<http://spoken-tutorial.org>

