

Computer System & Network Administration

Lab 03. User Management & Service Management

no lab 2

Lab requirements

- Perform these tasks in the VM provided by the class
 - You can connect 140.116.246.189 by domain “nasa.imslab.org”
- Change your password
- Add user with username: lab3
- Create directory
 - Configure directory permission so it meets lab requirement
- Create service lab3.service
- Deadline: 3/17 (Wed) 23:59

Add user with username: lab3

- Make this user be `/usr/sbin/nologin`

Create directory

Sometimes, you want to share folder with your family. But you don't want your mother found out that you have some **special collections**

You'll need to create these folders

- /home/lab3/Shared
- /home/lab3/Collection

Create directory

- Only user lab3 can **read/write** files/directories in **/home/lab3**
 - All the files/directories, **including the folder itself**, should be owned by group **lab3**
 - **Other one can't list files & directories in lab3**
 - **mother run "ls /home/lab3" show permission denied(you don't want your mother see collection exists)**
- Only user lab3 can **read/write** directory **/home/lab3/Shared**
others can only **read** files in directory **/home/lab3/Shared**
- Only user lab3 can **read/write/access** directory **/home/lab3/Collection**
No other user can **read/write/access**
- **Group & Other permission are same**

Create new service called lab3.service

- Grab the binary from [here](#)
- Create a service called **lab3.service**, use this service to run this program
 - Run the binary provided above
 - Install this service as system service
- This service should be able to
 - Start
 - Stop
 - Restart
 - Enable / Disable
- We will reboot your server, and check whether your service is up and running

Due to limited
resources

Please do the lab
as soon as
possible

If everyone writes
their lab at
Wednesday night,
and the resource
ran out

We can't help
you.

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