# Chapter 09

## Administering Users and Groups

# Adding Accounts

- sudo adduser testuser ;;  su testuser ;;  id

- Files and the directory involved

    - /etc/login.defs

        It contains directives for use in various shadow password suite commands.

    - /etc/skel ; e.g. */etc/skel/Desktop/Giude.txt*

        holds files, to be copied to the user account's home directory when the account is created

    - /etc/passwd

        It contains a single line data for each account

    - /etc/shadow

        It contains information regarding the account's password

    - /etc/group

# Managing Accounts

- Modifying password

   sudo passwd testuser

- Viewing password settings

   sudo chage -l testuser

- Deleting user account

   sudo userdel testuser  (-r delete account's home directory and any files within it)

- Viewing user record in a file

   sudo getent passwd testuser

   sudo getent shadow testuser

# Managing Groups

- Creating group

    sudo groupadd testgroup

- Group membership

    sudo usermod -aG testgroup testuser

- Deleting Group

    sudo groupdel testgroup

# Querying Access Status of Users

- whoami

  displays what user account you are currently using

- Who

  shows all the current system users, the terminal they are using, the date and time they entered the system, and in cases of remote users, their remote IP address

- w

  provides more details than the who command