

Storage management

df shows the amount of disk space used and disk space available on every file system containing each filesystem's name and its path

df -h

free displays the amount of free and used memory in the complete system

Processes

ps process status command is used to provide information about the processes currently running on the system, including their respective process identification numbers (PIDs).

uptime information about how long the system has been running in one line. Result for this command includes the current time, the time duration system has been running for, the number of users who are currently logged on, and the system load averages for the past 1, 5, and 15 minutes respectively.

User management

w displays the detailed information about the users who are logged in the system currently.

passwd change the password of the user *name*

exit logout from the current user

Power off

shutdown

File handling

mkdir *dir*

rmdir *dir*

rm *file*

mv *file or folder*

mv *file1* move content of file1 onto file2, *file2* deleting file1

File handling (cont)

mv *file* renaming file1 *new_name*

cp *A B* copy all the data from file A to file B and user can still access both files (A and B).

cat *file* show file content

cat *file1 file2* show file content of both

cat *file1 file2 > file_output* the user can create a new file (File_Output) and append data from both the files (File1 and File2) into this new file named as File_Output by using operand ">".

head *-number file.txt* The command "head" prints the top N rows of data of the given input or file. By default, it prints the first 10 lines of the specified files

tail

echo *expression* used to display any expression that is passed as an argument.

grep used to search for a text in "*text_p-ortion!*" the specified file/folder. *file_or_folder*

zip *zip_file.zip file1 file2 file3*

unzip *zip_files.zip*

tar -xvf *archive.tar.gz -C /home/linuxize/files* unzip .tar.gz file onto another directory

sudo -i

<https://linuxize.com/post/how-to-extract-unzip-tar-gz-file/>

Basic commands

history command history

history -c clear previous history

help

man *command* displays user manual of said command

dir display list of all directories in current directory

ls displays the list of all directories, folder, and files present in the current directory.

cd

pwd displays the path of the current directory user is operating in via Terminal

clear clear terminal screen

whereis displays the path where the package for specific built-in Linux command locates

whatis

Packages

apt list --installed List all installed packages

sudo apt-get purge --auto-remove package-name Remove packages with dependencies