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Assignment No-04

Q. Write Any 10 Linux Commands with 5 different options.

1) Ls :- It List the contents of Directory.

options :-

-l :- list all the files, directories and their mode, Number of Links, owner of the file, File size, modified date and time.

-t :- Lists in order of last modification time

-a :- list all files including hidden files.

-d :- List the Directory files instead of content.

-u :- List in order of last access time.

2) chmod : (Change the Current Directory)

'-u+x' :- Add execute permission for owner.

'-g-w' :- Remove write permission for group.

'o=r' :- set read only permission for others

'a+rx' :- Add read, write execute permission for all.

'u-s' :- Remove set uid bit of the owner.

3) Grep :- Search for Pattern in Files.

-i :- Ignore case distinction.

-v :- invert the match, select non-matching lines.

-r :- Recursively search sub-directories.

-l :- Print name of files with only matching files.

-n :- Display number of lines, along with matched lines.

4) rmdir :- (Remove Empty Directories)

-p :- Remove parent directories if they become empty.

-v :- verbose mode (display remove directories)

-z :- set Security context of Remove Directories

-help :- Display help Message

5) head & outputs the first part of files ex. 1st 10 lines

-n N :- Display first N Lines

-cN :- Display the first N bytes.

-q :- Never print headers giving file names.

-v :- Always print headers giving file names.

-z :- Treat Input and Output data as set of lines, each terminated by zero byte.

6) mkdir (make Directory) :-

-p :- Create Parent Directory, if they not exist.

-m :- set Permission mode.

-v :- Display Created Directories.

-u owner :- set the owner.

-z :- set Security Context

7) Tail :- (Outputs the Last Part of file)

-n N :- Display last N lines

-c N :- Display the last N bytes

-f :- follow the growth of line

-q :- never print headers giving file names.

-v :- always print headers giving file names

8) cat :- (To Concat and Display files)

-n :- Number all output lines.

-b = number non blank output lines

-s ⇒ Suppress Repeated output lines.

-A :- Show all non-printing characters.

-E :- Display \$ Sign at the end of each line.

9) tar (Archive files)

-c :- create a new archive

-v :- show progress

-f :- Specify the Archive File Name.

-z :- Compress the archive using gzip.

-x :- Extract files from archive

10) ps :- Process Status.

-e :- select all processes.

-f :- full format listing.

-u username :- select process by username

-aux :- Display all Processes with more details

-o Format :- User Defined format.