linuxcommands

Vontela Sathwika

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1 Introduction

1. What is the command used to sort a file ?

ANS : sort [OPTION]... [FILE]...

2. How will you find which operating system your system is running on in UNIX ? ANS :

3. Which character you will append to a command to run the process in background ?

ANS : ampersand character (&)

4. How do you see command line history in UNIX ?

ANS : By using command called history.

5. How do you find which process is taking how much CPU ?

ANS : By using command called top.

6. How do you check how much space left in current drive ?

ANS :command df [OPTION]... [FILE]...

7. Which command is used to count the number of characters in a file ?

ANS :command wc -m [FILE]...

8. Which command is used to determine the size of directory in unix ?

ANS :command du -h –max-depth=0 [FILE]...

9. Which switch is used for displaying the result of a command in human readable format ?

ANS : -h

10. Which command is used to list all the running processes ?

ANS : ps -A or ps -aux

11. Which command is used to show real time view of the running processes ?
ANS : ps -A or ps -aux

12. Which of the commands is used to compress a file ?

ANS : gzip [file]... or bzip2 [file]...

13. Which command is used to delete a empty, hierarchy directory, directory which contains some files ?

ANS : rm [options] [file or directory name]

     empty directory : rm -d [file or directory name] or rmdir [directory name]

     non empty directory : rm -r [file or directory name]

14. Which command is used to create a directory, hierarchy of directory ?

ANS : mkdir

15. Which command is used to know IP address of your system?

ANS : ipconfig /all

16. Which command will not accept file name as input?

ANS : malix

17. Which command is used to rename a file?

ANS : mv [oldfile] [newfile]

18. The purpose of the command "type"?

ANS : "The standard output of the type command contains information about

the specified command and identifies whether this is a shell built-in command,subroutine,alias,or keyword.The type command indicates how the specified command would be interpreted if used."

19. Write command with related option to know the kernel file?

ANS : uname -r

20)Which file contains the root password?

ANS : /etc/passwd file

21.2233—a.k. shukla—g.m.—sales—12/12/52—6000

9876—jai sharma—director—production—03/12/50—7000

5678—sumit chakrobarty—d.g.m—marketing—04/19/43—6000

2365—barun sengupta—director—personnel—05/11/47—7800

5423—n.k. gupta—chairman—admin—08/30/56—5400

1006—chanchal sanghvi—director—sales—09/03/38—6700

6213—karuna ganguly—g.m.—accounts—06/05/62—6300

1265—s.n. dasgupta—manager—sales—09/12/63—5600

4290—jayant Chodhury—executive—production—09/07/50—6000

2476—anil aggarwal—manager—sales—05/01/59—5000

6521—lalit chowdury—director—marketing—09/26/45—8200

3212—shyam saksena—d.g.m—accounts—12/12/55—6000

3564—sudhir Agarwal—executive—personnel—07/06/47—8000

2345—j.b. saxena—g.m.—marketing—03/12/45—8000

0110—v.k. agrawal —g.m.—marketing—12/31/40—9000

i.Write a command to display the fields: Name,Department,Salary?

ans:-textawk 'print $2,4,6 emp.1s ii.

iii.

4. Write a command to sort text based on fifth field (DOB)

ANS : ort -k 6 emp.1st