

Unix General Interview Questions And Answers Guide.



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Unix General Job Interview Preparation Guide.

Question # 1

How do display only hidden files in Unix?

Answer:-

Hidden files will start a period (.) in their names. To list them use -a option of ls command. like, ls -ltra

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Question # 2

Using Unix command how to display no of records in oracle?

Answer:-

```
>wc -l filename
Example:cat>file
1 abc 100
2 def 200
3 ghi 300
4 ijk 500
>wc -l file
4 file
```

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Question # 3

Finding the presence of a word in a list of n files (pattern matching)?

Answer:-

```
sed -n '/matchingpattern/g' file1 file2...
```

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Question # 4

Explain command to view process running?

Answer:-

use ps command "process status". I will use "ps -ef" to list every process in detail.

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Question # 5

Suppose i have one column with data smith
john
michale
the o/p should be smith,john, michale how we do in unix?

Answer:-

Suppose they are asking for displaying just one of the columns in a directory, make a note of that column number as it appears when we do a ls -ltr. Then we can use awk to just display the one columns as o/p. If column number is n, then do this:
ls -ltr | awk '{print \$n}'

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Question # 6

What is a "parameter card" and what is useful for?

Answer:-

parameter card is a type of card used to provide voice digital communication to radio stations for their FMs

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Question # 7

How to use grep command to list find the records of a file containing 10 different strings?

Answer:-

```
grep 'word1|word2' <filename>
```

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Question # 8

What are the general Commands in using Unix OS for a beginner?

Answer:-

cat command:used to create and displaying the information present in the files.

Syntax for file creation: cat>(filename)

Syntax for displaying information in those file: cat (filename)

Syntax for Appending data in that files: cat>>(filename)

ls command: to list the files present in the system.

ls :will list all the files present in that directory.

ls -l:for long listing of the files.

ls -a:to view hidden files.

ls -ld:to get the permission for the current directory.

ls -ltr:to get the latest file in the directory.

man command:to know more information about the cmds.

Syntax:man <cmd>

eg:man ls

touch: is also used to create the multiple empty files at a time.

Syntax:touch f{1..10}:creates 10 empty files with names f1,...f10.

pwd:is used to know present working directory.

cd f1 :to changed to the directory f1.

mkdir <direcoty name>:to create new directory.

rmdir <directory name>:to remove directory when it is empty only.

rm <filename>:to remove the files.

rm -r <direcotry name>:to remove the files in that directory recursively.

rm -f <directoryname>:to remove the files in that directory forcibly.

cp <source> <destination>: to copy the contents of one file to another

cp -rR <s> <d>:will copy the contents of one directory to another.

mv <s> <d>:will move the contents of one file to another.

ls -l|grep ^d:toget the list of directories.

ls -l|grep ^_:to get the list of files.

clear-used to clear the screen

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Question # 9

How to list all the hidden files?

Answer:-

ls -ald (In solaris)

ls -ltra (In unix)

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Question # 10

Explain command to show the space allocation of files?

Answer:-

df -h----- it shows the space allocation for oracle dsata file.

only for space allocation execute command ll -lrth.

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Question # 11

How to move a background job to forward?

**Answer:-**

```
./test.pl &  
jobs -- get job id of the above process  
[3]  Running      ./test.pl &  
fg 3
```

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Question # 12

What is grep|sort give example?

Answer:-

grep stands as Globally Search for Regular Expression and Print.
It is used for displaying the pattern matching lines from requested file or files .

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Question # 13

What is difference between SSH V1 and SSH V2? What are drawbacks of SSH V2?

Answer:-

V1: less secure ,
lacks a strong mechanism for ensuring the integrity of the connection.
if machine name user ogged in from is present in one of the following file then connection is established.
\$HOME/.rhosts, \$HOME/.shosts, /etc/hosts.equiv, or /etc/shosts.equiv,
V2:More secure
provides additional mechanisms for confidential-ity

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Question # 14

Explain command to display different lines that are found when compare two files?

Answer:-

```
diff file1 file2  
Above command will display all the lines which r diff in file1 & file2 whereas, cmp will only display 1st occurrence of difference.
```

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Question # 15

What is the difference between NFS 3 and NFS 4? What are new features added in NFS4?

Answer:-

nfsv3 acces through udp protocol whereas nfsv4 acces through TCP/IP protocol

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Question # 16

How to know the ip address of user system?

Answer:-

```
nslookup <host_name>  
e.g: nslookup ibm6
```

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Question # 17

How to find multiple string?

Answer:-

Use extended grep command
egrep 'searchstr1 | searchchstr2' file.txt

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Question # 18

What will be the result if we run the command #find /tmp -mtime -2 and #find /tmp -mtime +2?

Answer:-

find /tmp -mtime n where n can be +ve or -ve
+n says, file modified in last n days



-n says, file modified more than n days ago
ex. if today is 5th of a month

file1 has mtime 3rd
file2 has mtime 2nd
then find . -mtime 2 will report file1
then find . -mtime -2 will report file2 only

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