

Unix General Job Interview Questions And Answers



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Unix General Interview Questions And Answers Guide.

Question - 1:

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

Ans:

```
>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 - 2:

How to find multiple string?

Ans:

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

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Question - 3:

How do display only hidden files in Unix?

Ans:

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 - 4:

How to know the ip address of user system?

Ans:

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

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Question - 5:

How to list all the hidden files?

Ans:

```
ls -ald (In solaris)
ls -ltra (In unix)
```

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Question - 6:

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

Ans:

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:

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

Ans:

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 confidentiality

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Question - 8:

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

Ans:

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

Ans:

grep 'word1|word2' <filename>

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Question - 10:

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

Ans:

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

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Question - 11:

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

Ans:

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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Question - 12:

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

Ans:

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 -lrt. Then we can use awk to just display the one columns as o/p.
If column number is n, then do this:
ls -lrt | awk '{print \$n}'

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Question - 13:

What is grep|sort give example?

Ans:

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 - 14:

How to move a background job to forward?

Ans:

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

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Question - 15:

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

Ans:

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 - 16:

Explain command to show the space allocation of files?

Ans:

df -h----- it shows the space allocation for oracle dsata file.
olny for space allocation execute command ll -lrth.

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Question - 17:

Explain command to view process running?

Ans:

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



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Question - 18:

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

Ans:

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

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