

Linux Interview Questions

Explain the file system hierarchy in Linux system?

Ans)

What is mkdir command and what is the -v, -p and -m options with mkdir command?

Ans)

What is ls -ltr? In this what is l,t and r?

Ans)

How to list all hidden files and hidden directories?

Ans)

How to display only directories?

Ans)

How to display only files?

Ans)

What is cd -?

Ans)

What is cd ~?

Ans)

What is cd?

Ans)

Which user account is created on Linux while installation?

Ans)

What is the use of file command?

Ans)

How to create zero size file Linux?

Ans)

How to check the RAM size?

Ans)

How to check the server resources(CPU, RAM and Disk) utilisation?

Ans)

How to search the files with various conditions like empty files, based on size...?

Ans)

What is Umask?

Ans)

How to set the umask permanently for a user?

Ans)

How to set the permissions for files or directories?
Ans)

How to check open ports on local system?
Ans)

How to check open ports on remote server?
Ans)

How to check which services are enable across reboot?
Ans)

What is load average in Linux?
Ans).

What is partial backup?
Ans)

when you select single partition for single folder for backup on your server.
Ans)

What is the boot process in Linux?
Ans)

How can we review boot message?
Ans)

What are the fields in the/etc/passwd file?
Ans)

How to check which RPM provides/etc/shadow file?
Ans)

In which file the password are saved for each user?
Ans)

In which file user information is saved?
Ans)

What is Inode? What is the use?
Ans)

/etc/resolve.config
Explain and if we not declared here what will happen?
Ans)

What is Vcpu,if vcpu % more than 1 what will happen?
Ans)

How you will find out memory details and explain about swap memory?
Ans)

Write a command for 5 days older files with extension of .log , those files want to move it different directory?

Ans)

What is Inode? What is the use of Inode?

Ans)

Bootting process? Explain about run levels? what is default run levels?

Ans)

How will you find out top ten process?

Ans)

How to check the CPU utilization?

Ans)

Difference between Top/HTop?

Ans)

Directory special permissions?

Ans)

What is soft link and hard link? How to create? What is the difference between these two?

Ans)

What is cron tab? Explain it? How to configure the schedule a job?

Ans)

Explan about Process and threads?

Ans)

What is zombie proces?

Ans)

How will you find out what are the files using by particular process?

Ans)

What is zone file?

Ans)

What is netstat command in Linux?

Ans)

How can you prevent anyone from scheduling a cronjob?

- A) Delete the file /etc/cron.deny**
- B) Create an empty file called /etc/cron.deny**
- C) Create two empty files: /etc/cron.deny and /etc/cron.allow**
- D) Create an empty file called /etc/cron.allow**

Ans)

Using command substitution, how would you display the value of the present working directory?

- A) echo \$(pwd)
- B) echo pwd
- C) \$pwd
- D) pwd|echo

Ans)

What is nohup command?

Ans)

How to connect remote servers without password? How to archive this?

Ans)

How to open file in read only mode in VI editor?

Ans)

What is mount? How to create mount?

Ans)

How to trouble shoot live logs?

Ans)

What is sed command?

Ans)

What is AWK command

Ans)

What is grep and egrep?

Ans)

How to list out the only directories in a Linux?

Ans)

How to check the process in Linux?

Ans)

How to allow the ports in Linux?

Ans)

What is ping? Telnet? Curl? Wget?

Ans)

How to check the services in Linux machine?

Ans)

How to kill the process in Linux?

Ans)

What is nice and renice?

Ans)

How to get the java thread dump?

Ans)

How to check the running ports?

Ans)

How to trouble shoot the remote server having some issue?

Ans)

A process is identified by a unique

- a)pid
- b)id
- c)processid
- d)proid

Ans)

Which of the following is the BEST way to set up SSH(Secure Shell) for communicating between Systems without needing passwords?

- A)Use ssh-keygen for generating public-private keys.
- B)Disable passwords on specific accounts that will use SSH.
- C)Both A and B
- D)None of the above

Ans)

Given a file, replace all occurrence of word "mithun" with "manan" from 5th line till end in only those lines that contains word "ruthvik"

Ans)

Given file is mithuntechnologies.txt

sed -n `5,\$p` mithuntechnologies.txt | sed ` / ruthvik/s/ mithun/manan/`