**1.linux admin interview questions[google it] :** [**http://www.linuxtechi.com/experience-linux-admin-interview-questions/**](http://www.linuxtechi.com/experience-linux-admin-interview-questions/)

**2.umask(users file creation mask) :**

On [Linux](http://www.computerhope.com/jargon/l/linux.htm) [operating systems](http://www.computerhope.com/os.htm), new [files](http://www.computerhope.com/jargon/f/file.htm) are created with a default set of [permissions](http://www.computerhope.com/jargon/p/permissi.htm). Specifically, a new file's permissions may be *restricted* in a specific way by applying a permissions "mask" called the **umask.**

**Ex :**

**Umask**

**Umask –s(symbolic)**

**The umask *masks* permissions by restricting them by a certain value**.

**3.grep command and some examples[google it]**

**4.sed command and some examples**

**5.awk command and some examples :** [**http://www.folkstalk.com/2011/12/good-examples-of-awk-command-in-unix.html**](http://www.folkstalk.com/2011/12/good-examples-of-awk-command-in-unix.html)

**6.find command and some examples**

**7.Default ports :**

Service      Port  
SMTP          25  
DNS            53(Domain Name System)  
FTP             20 (data transfer) , 21 ( Connection established)  
DHCP         67/UDP(dhcp server) , 68/UDP(dhcp client) **(Dynamic Host Configuration Protocol)**  
SSH            22  
Squid         3128()

8. sed:

<http://www.folkstalk.com/2013/03/sed-remove-lines-file-unix-examples.html>

9.grep :

<http://www.thegeekstuff.com/2009/03/15-practical-unix-grep-command-examples>

**10. SED(Stream Editor):** find and replace the text.

**sed ‘s/unix/linux/g’ login.java = replace and print**

**Sed –i ‘s/unix/linux/g’ login.java=inplace and save.**

**sed ‘1d’ login.java:** Deletes first line

**Sed ‘$d’ login.java:** deletes last line

**Sed ‘/unix/d’ login.java:** to delete particular unix string lines…

**Sed ‘/^$/d’ login.java:** deletes gaps from starting to ending.

Sed ‘/^o/d’ login.java : delete the line if we give starting/first character

Sed ‘/o$/d’ login.java : will delete the line if we give last charcter if the line

**11.Grep[is used to find the string in a file]:**

**Grep for login.java**

**-v =exclude**

**12. find :**

[**http://www.folkstalk.com/2011/12/101-examples-of-using-find-command-in.html**](http://www.folkstalk.com/2011/12/101-examples-of-using-find-command-in.html)

**13.Find :**

**Within = -(minus we have to use)**

**Without = + (plus we have to use)**

**Ex : I want files within 2 days**

**Find –mtime -2**

**Ex : I want files without 2 days**

**Find –mtime +2**

**14. cp :**

[**http://www.devopsservice.com/cp-command-examples-in-linux/**](http://www.devopsservice.com/cp-command-examples-in-linux/)

**15.cut :** [**http://www.folkstalk.com/2012/02/cut-command-in-unix-linux-examples.html**](http://www.folkstalk.com/2012/02/cut-command-in-unix-linux-examples.html)

**16.chmod :** [**http://www.folkstalk.com/2012/10/chmod-command-examples-in-unix-linux.html**](http://www.folkstalk.com/2012/10/chmod-command-examples-in-unix-linux.html)

**17. All linux commands and interview questions** : [**http://www.folkstalk.com/p/unix-commands-list.html**](http://www.folkstalk.com/p/unix-commands-list.html)

**18.** **The Internet Control Message Protocol (ICMP)**

**19.** **ABOUT SETTINGS.XML**

[**http://stackoverflow.com/questions/19603613/what-is-a-maven-settings-xml-file-and-how-it-is-different-from-pom-xml**](http://stackoverflow.com/questions/19603613/what-is-a-maven-settings-xml-file-and-how-it-is-different-from-pom-xml)

[**https://maven.apache.org/settings.html**](https://maven.apache.org/settings.html)

[**https://www.tutorialspoint.com/maven/maven\_build\_profiles.htm**](https://www.tutorialspoint.com/maven/maven_build_profiles.htm)

**20.** [**https://www.safaribooksonline.com/library/view/maven-the-definitive/9780596517335/ch16s04.html**](https://www.safaribooksonline.com/library/view/maven-the-definitive/9780596517335/ch16s04.html)

**21.how to roll back in svn ?**

**Ans : Roll back means nothing but reverting the previous revisions**

**Ex : svn merge –r 200:190**

**(200=current revision,190=previous)**

**-r means revision**

**-c means change**

**22. svn merge :**

[**http://www.thegeekstuff.com/2014/03/svn-merge-command/**](http://www.thegeekstuff.com/2014/03/svn-merge-command/)

**23.** [**http://www.thegeekstuff.com/2012/06/chown-examples/**](http://www.thegeekstuff.com/2012/06/chown-examples/)

**24. Grep for Multiple Search**

[**https://www.cyberciti.biz/faq/searching-multiple-words-string-using-grep/**](https://www.cyberciti.biz/faq/searching-multiple-words-string-using-grep/)

**25.** **sed -e 's/what\|is\|my/was/g' login.java**

**Find and replace the what,is and my as a was ..**

**S=substitute if we give 2s it substitutes in 2nd line only**

**G=global if we give 2g it substitutes words from 2nd column**

**26.SSH : one linux machine to another linux machine**

[**https://www.digitalocean.com/community/tutorials/how-to-use-ssh-to-connect-to-a-remote-server-in-ubuntu**](https://www.digitalocean.com/community/tutorials/how-to-use-ssh-to-connect-to-a-remote-server-in-ubuntu)

**Has To Enable some remote preferences in ubuntu machine :** [**http://ubuntuhandbook.org/index.php/2016/07/remote-access-ubuntu-16-04/**](http://ubuntuhandbook.org/index.php/2016/07/remote-access-ubuntu-16-04/)

**27. Running Multiple Instances in single Machine: About Tomcat**

[**http://www.ramkitech.com/2011/07/running-multiple-tomcat-instances-on.html**](http://www.ramkitech.com/2011/07/running-multiple-tomcat-instances-on.html)

**28.why we have to change port numbers**

[**https://www.digitalocean.com/community/tutorials/how-to-configure-the-apache-web-server-on-an-ubuntu-or-debian-vps**](https://www.digitalocean.com/community/tutorials/how-to-configure-the-apache-web-server-on-an-ubuntu-or-debian-vps)

**29.About KILL command**

[**http://www.tecmint.com/how-to-kill-a-process-in-linux/**](http://www.tecmint.com/how-to-kill-a-process-in-linux/)

**30.top commands**

[**http://www.tecmint.com/12-top-command-examples-in-linux/**](%20http://www.tecmint.com/12-top-command-examples-in-linux/)

**31.lsof :**

<https://www.tecmint.com/10-lsof-command-examples-in-linux/>

**32.**