Scheduling of JOBS

JOBS:

The purpose of jobs is for automation of scripts. If we are performing repeated tasks which can automate using scheduling jobs.

Cron Jobs:

If we are scheduling any scripts using CRON jobs can be performed and can be repeated as per our scheduled date & time. Any normal users can get access to the CRON jobs.

#crontab   -l **(Lists all the cronjobs scheduled by user)**
#crontab   -lu   <Username**>   (Lists crontab file of specific user)**
#crontab   **-r   (Deletes the crontab file of current user)**

NOTE: If we create /etc/nologin file it restricts all the normal users not to login to the server.

Scheduling New Cron Job (Edit / Make an entry to CRON TAB file)

#crontab   -e   **(To edit the crontab file)**

*   *   *   *   *   <command>
MIN   Hours   Day of   Month of   Day of
                 Month   year   Week

MIN [0 - 59]
Hours [0 - 23]
Day of Month [1 - 31]
Month of Year [1 - 12]
Day of Week [Sun - Sat]
 0 : Sunday
1   : Mon
2 : Tue
3 : Wed
4 : Thu

5 : fri

6 : sat

(*-->Any day of a week)

#crontab   -e

10   14   16   11   *   netstat>>/net/n1

10   14   16   1,4,11,12   *   netstat>>/net/n1

10   14   1,16,25   1,4,11,12   *   netstat>>/net/n1

10   9,14,23   1,16,25   1,4,11,12   *
netstat>>/net/n1

10,20,40   9,14,23   1,16,25   1,4,11,12 *   netstat>>/net/n1

*   9,14,23   1,16,25   1,4,11,12   *   netstat>>/net/n1

NOTE :   /var/spool/cron/ is the location where the user crontab files are being stored.

Restricitng Selected users not to access Cron Jobs:

#vi   /etc/cron.deny
U1
U20
:wq!

Allowing only selected users to access Cron Jobs:
#vi   /etc/cron.allow
U5
U15
U25
U35
:wq!