

Chapter 8 - Monitoring And Managing Linux Processes

Command	Description
ps	show all running processes
echo \$\$	show the pid of the current shell
ps aux	show processes cpu util
ps lax	show processes priorities
ps -e	diff details
top	live details for processes
pstree -p user1	show the processes for a user
pgrep -u user -l	search for a process for a user
..... &	put the process in the background
fg % 1	return the process number 1 from the background to the foreground
bg % 1	place it in the background
ctrl + z	stop the command temp
ctrl + c	kill the command
kill -9 7073	Aggressive Process Kill for process id 7073
kill -15 6066 or kill -SIGKILL 6066	Clean Process kill for process id 6066
kill -1 7070	reload the process without termination
pidof sleep	get the pid of any process that use sleep
killall sleep	
pkill -U user1	kill all the user processes
top	get the processes in real time
top -n 2	iterate twice and exit
top -d 1	iterate every 1 sec
renice 19 7070	reset the priority of process 7070 to 19

process priority : -20 -> 19 , -20 is the highest