AINUX
— TASTE OF LINUX —

WELCOME TO THE WORLD OF LINUX

DAY - 3

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MANAGING PRIORITY OF LINUX PROCESSES

Every Process has it's own process ID and priority. Priority means which process will be processed first. These process priority are measured by *'nice'* value. Nice value are defined with exactly 40 different *'nice'* levels. *'NICE'* levels range starts from '-20' to '19'. Here '-20' is highest priority and '19' is the lowest priority. By default user generated processes has the nice value of 0.

To display the processes and it's priority value
top
ps –ao pid,comm,tty,nice

To launch a process with a different nice value
nice -n 'nice-value' 'process-name'
Example- # nice -n -5 vim

To change a nice value of an existing process
renice –n 'nice-value' 'PID'
Example- # renice -n -10   2231

Note: - You can also change the nice value with 'top' command by pressing 'r'

THANK YOU