

Process Verification		Priority		Jobs & Process Management	
Command	Purpose	Command	Purpose	Command	Purpose
ps	Display running processes	nice	Start process with priority	jobs	List background jobs
ps aux	List all running processes	renice	Change priority	bg	Resume in background
ps -ef	Full process listing	ps -l	View nice value	fg	Bring to foreground
top	Real-time process monitor	Process Limits		kill	Send signal
htop	Interactive process monitor (if installed)	Command	Purpose	killall	Kill by process name
pgrep	Find processes by name	ulimit	View/set shell resource limits	pkill	Kill by pattern
pidof	Display PID of a process	prlimit	View/change process limits	nohup	Continue after logout
pstree	Display processes in a tree	limits.conf	Configure permanent limits	&	Run in background
Process ID (PID)		Process States		Ctrl+C	Interrupt process
Command	Purpose	States		Ctrl+Z	Suspend process
echo \$\$	Current shell PID	R (Running)		Scheduling	
echo \$PPID	Parent process ID	S (Sleeping)		Command	Purpose
ps	View PID	D (Uninterruptible sleep)		crontab	Manage recurring jobs
pgrep	Find PID by process name	T (Stopped)		cron	Background scheduler
pidof	Find PID of running program	Z (Zombie)		at	Schedule one-time jobs
				atq	List pending at jobs
				atrm	Remove at jobs
				systemctl	Manage cron/at services



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