

Processes Cheatsheet

Command	Purpose
ps -ef	Show every process with full output
ps -ejH	Show process hierarchy (tree)
pstree	Show more graphical process tree
ps -efL	Show process threads
ps -efZ	Show processes with SELinux security context
ps -u root -f	Show all processes run by the user root with full output
ps -eo pid,ni,pri,stat,comm	Show customizable output fields
ps -C salt-master -o pid=	Show process IDs of a specific process (salt-master)
ps -p 25409 -o comm=	Show only the name of process ID 25409
ps -f -t tty1	Show all processes running on a certain terminal (tty1)
ps -eo pid,user,args --sort user	Show all process ids,users and args sorted by user
ps -u root -eo start,pid,args	Show all processes args run by a user with start time
pgrep -u root sshd	Grep for sshd processes run by root
pgrep -u root,bob sshd	Grep for sshd processes run by root OR bob
ps -fp \$(pgrep -d, -x salt-master)	Give detailed statistics on all salt-master processes
kill 25045	Kill process 25045 nicely
kill -9 25045	Kill process 25045 forcibly
kill -HUP 25045	Send process 25045 hangup signal (reread config)
pkill salt-master	Kill all processes named salt-master nicely
pkill -9 salt-master	Kill all processes named salt-master forcibly
kill -HUP salt-master	Send process named salt-master hangup signal
nice -10 cp	Run cp with a nice level of +10
nice --10 cp	Run cp with nice level of -10
renice -10 cp	Change nice value of running process (cp)
top	Show top processes by resource
lsof	List open files (running programs from disk)
lsof -u root	List open files owned by root
nohup cp -av /media /backup &	Run a command that will survive a logout
pidof crond	List process ID of crond