Allyson Pascua

Assignment 0205

Process Survey

1. What root-owned processes are running?
   1. Refer to 1.c
   2. ps -u root

text dump of root-owned-process.txt

|  |
| --- |
| PID TTY TIME CMD  1 ? 00:00:01 init  2 ? 00:00:00 kthreadd  3 ? 00:00:00 ksoftirqd/0  4 ? 00:00:00 kworker/0:0  5 ? 00:00:00 kworker/u:0  6 ? 00:00:00 migration/0  7 ? 00:00:00 watchdog/0  8 ? 00:00:00 cpuset  9 ? 00:00:00 khelper  10 ? 00:00:00 kdevtmpfs  11 ? 00:00:00 netns  12 ? 00:00:00 sync\_supers  13 ? 00:00:00 bdi-default  14 ? 00:00:00 kintegrityd  15 ? 00:00:00 kblockd  16 ? 00:00:00 ata\_sff  17 ? 00:00:00 khubd  18 ? 00:00:00 md  21 ? 00:00:00 khungtaskd  22 ? 00:00:00 kswapd0  23 ? 00:00:00 ksmd  24 ? 00:00:00 khugepaged  25 ? 00:00:00 fsnotify\_mark  26 ? 00:00:00 ecryptfs-kthrea  27 ? 00:00:00 crypto  36 ? 00:00:00 kthrotld  38 ? 00:00:00 scsi\_eh\_0  39 ? 00:00:00 scsi\_eh\_1  40 ? 00:00:00 kworker/u:3  43 ? 00:00:00 binder  62 ? 00:00:00 deferwq  63 ? 00:00:00 charger\_manager  64 ? 00:00:00 devfreq\_wq  211 ? 00:00:00 scsi\_eh\_2  228 ? 00:00:00 jbd2/sda1-8  229 ? 00:00:00 ext4-dio-unwrit  247 ? 00:00:00 flush-8:0  317 ? 00:00:00 upstart-udev-br  319 ? 00:00:00 udevd  395 ? 00:00:00 udevd  396 ? 00:00:00 udevd  430 ? 00:00:00 iprt  434 ? 00:00:00 kpsmoused  568 ? 00:00:00 upstart-socket-  697 ? 00:00:00 modem-manager  698 ? 00:00:00 bluetoothd  754 ? 00:00:00 NetworkManager  757 ? 00:00:00 krfcommd  772 ? 00:00:00 polkitd  820 ? 00:00:00 dhclient  824 ? 00:00:00 cupsd  864 tty4 00:00:00 getty  869 tty5 00:00:00 getty  875 tty2 00:00:00 getty  876 tty3 00:00:00 getty  878 tty6 00:00:00 getty  892 ? 00:00:00 anacron  893 ? 00:00:00 acpid  896 ? 00:00:00 lightdm  908 tty7 00:00:09 Xorg  913 ? 00:00:00 cron  1068 ? 00:00:00 accounts-daemon  1106 ? 00:00:00 console-kit-dae  1183 ? 00:00:00 VBoxService  1346 tty1 00:00:00 getty  1371 ? 00:00:00 lightdm  1431 ? 00:00:00 upowerd  1806 ? 00:00:00 udisksd  2252 ? 00:00:00 system-service-  2285 ? 00:00:00 sh  2286 ? 00:00:00 run-parts  2295 ? 00:00:00 apt  2330 ? 00:00:00 sleep  2333 ? 00:00:00 kworker/0:1  2431 ? 00:00:00 kworker/0:2 |

1. What processes are running on your account?
   1. Refer to 2.c
   2. ps -u allyson

text dump of processes-my-account.txt

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| --- |
| PID TTY TIME CMD  1584 ? 00:00:00 gnome-keyring-d  1595 ? 00:00:00 gnome-session  1639 ? 00:00:00 VBoxClient  1649 ? 00:00:00 VBoxClient  1653 ? 00:00:00 VBoxClient  1659 ? 00:00:03 VBoxClient  1662 ? 00:00:00 ssh-agent  1665 ? 00:00:00 dbus-launch  1666 ? 00:00:00 dbus-daemon  1668 ? 00:00:00 at-spi-bus-laun  1672 ? 00:00:00 dbus-daemon  1675 ? 00:00:00 at-spi2-registr  1687 ? 00:00:00 gnome-settings-  1695 ? 00:00:00 gvfsd  1699 ? 00:00:00 gvfsd-fuse  1716 ? 00:01:19 compiz  1726 ? 00:00:00 dconf-service  1731 ? 00:00:00 bluetooth-apple  1732 ? 00:00:00 polkit-gnome-au  1737 ? 00:00:00 gnome-fallback-  1739 ? 00:00:00 nautilus  1740 ? 00:00:00 nm-applet  1745 ? 00:00:00 pulseaudio  1759 ? 00:00:00 gconf-helper  1761 ? 00:00:00 gconfd-2  1803 ? 00:00:00 gvfs-udisks2-vo  1817 ? 00:00:00 gvfs-gphoto2-vo  1821 ? 00:00:00 gvfs-afc-volume  1829 ? 00:00:00 gvfsd-trash  1836 ? 00:00:00 bamfdaemon  1842 ? 00:00:00 gvfsd-burn  1847 ? 00:00:00 sh  1848 ? 00:00:00 gtk-window-deco  1852 ? 00:00:00 unity-panel-ser  1854 ? 00:00:00 hud-service  1868 ? 00:00:00 indicator-sessi  1870 ? 00:00:00 indicator-messa  1871 ? 00:00:00 indicator-sound  1873 ? 00:00:00 indicator-datet  1876 ? 00:00:00 indicator-appli  1880 ? 00:00:00 indicator-print  1908 ? 00:00:00 evolution-sourc  1914 ? 00:00:00 geoclue-master  1930 ? 00:00:00 ubuntu-geoip-pr  1945 ? 00:00:00 unity-applicati  1947 ? 00:00:00 unity-files-dae  1949 ? 00:00:00 unity-gwibber-d  1951 ? 00:00:00 unity-music-dae  1953 ? 00:00:00 unity-lens-phot  1955 ? 00:00:00 unity-shopping-  1957 ? 00:00:00 unity-lens-vide  1991 ? 00:00:00 zeitgeist-daemo  2011 ? 00:00:00 zeitgeist-fts  2012 ? 00:00:00 zeitgeist-datah  2018 ? 00:00:00 cat  2022 ? 00:00:00 telepathy-indic  2023 ? 00:00:00 unity-scope-gdo  2040 ? 00:00:00 mission-control  2045 ? 00:00:00 signon-ui  2070 ? 00:00:00 unity-musicstor  2091 ? 00:00:00 unity-scope-vid  2136 ? 00:00:00 gvfsd-http  2216 ? 00:00:00 notify-osd  2220 ? 00:00:00 gnome-screensav  2232 ? 00:00:00 update-notifier  2275 ? 00:00:00 deja-dup-monito  2336 ? 00:00:01 gnome-terminal  2345 ? 00:00:00 gnome-pty-helpe  2346 pts/0 00:00:00 bash  2446 pts/0 00:00:00 ps |

1. Run a typical working set of applications (e.g.,web browser, chat program, text editor, etc.). Which application is using the most real memory? The most virtual memory?
   1. For this assignment I am running Firefox, LibreOffice Writer, and LibreOffice Calc.   
        
      Going from most real memory usage to smallest, the order is:  
      1) Firefox – 78736 kilobytes  
      2) LibreOffice Writer – 77760 kilobytes  
      3) LibreOffice Calc – 3048 kilobytes  
        
      Going from most virtual memory usage to smallest, the order is:  
      1) Firefox – 370896 kilobytes  
      2) LibreOffice Writer – 218476 kilobytes   
      3)LibreOffice Calc – 34288 kilobytes
   2. ps aux --sort -rss  
      ps aux --sort -vsz

In Order by Real Memory (text dump processes-by-rss.txt)

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| --- |
| USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND  allyson 1716 8.5 3.5 476780 287228 ? Sl 09:20 3:48 compiz  root 908 1.2 0.9 110300 80800 tty7 Ss+ 09:20 0:34 /usr/bin/X :0 -core -auth /var/run/lightdm/root/:0 -nolisten tcp vt7 -novtswitch -background none  allyson 2713 0.6 0.9 370896 78900 ? Sl 09:44 0:07 /usr/lib/firefox/firefox  allyson 2806 0.2 0.9 218476 77984 ? Sl 09:45 0:02 /usr/lib/libreoffice/program/soffice.bin --calc --splash-pipe=6  root 896 0.0 0.4 34496 32472 ? SLsl 09:20 0:00 lightdm  allyson 1739 0.0 0.2 135676 23396 ? Sl 09:20 0:00 nautilus -n  allyson 1852 0.0 0.2 95556 20740 ? Sl 09:20 0:01 /usr/lib/unity/unity-panel-service  allyson 1953 0.0 0.2 112460 19864 ? Sl 09:20 0:00 /usr/bin/python3 /usr/lib/unity-lens-photos/unity-lens-photos  allyson 2045 0.0 0.2 112036 19336 ? Sl 09:20 0:00 /usr/bin/signon-ui  allyson 1687 0.0 0.2 154896 16428 ? Sl 09:20 0:00 /usr/lib/gnome-settings-daemon/gnome-settings-daemon  allyson 2336 0.2 0.2 92320 16340 ? Sl 09:33 0:04 gnome-terminal  allyson 1740 0.0 0.1 120168 15228 ? Sl 09:20 0:00 nm-applet  allyson 2023 0.0 0.1 106996 15108 ? Sl 09:20 0:00 /usr/bin/python3 /usr/lib/unity-lens-files/unity-scope-gdocs  allyson 2232 0.0 0.1 97440 14348 ? Sl 09:21 0:00 update-notifier  allyson 2091 0.0 0.1 98936 13940 ? Sl 09:20 0:00 /usr/bin/python /usr/lib/unity-scope-video-remote/unity-scope-video-remote  allyson 1957 0.0 0.1 84488 12568 ? Sl 09:20 0:00 /usr/bin/python /usr/lib/unity-lens-video/unity-lens-video  allyson 2216 0.0 0.1 44228 12336 ? Sl 09:21 0:00 /usr/lib/notify-osd/notify-osd  allyson 1731 0.0 0.1 79716 11636 ? Sl 09:20 0:00 bluetooth-applet  allyson 1848 0.0 0.1 42592 10740 ? Sl 09:20 0:00 /usr/bin/gtk-window-decorator  allyson 1836 0.0 0.1 78344 10708 ? Sl 09:20 0:00 /usr/lib/bamf/bamfdaemon  allyson 2022 0.0 0.1 83192 10276 ? Sl 09:20 0:00 telepathy-indicator  allyson 1945 0.0 0.1 74208 10252 ? Sl 09:20 0:00 /usr/lib/unity-lens-applications/unity-applications-daemon  lightdm 1461 0.0 0.1 88136 10088 ? Sl 09:20 0:00 /usr/lib/evolution/evolution-calendar-factory  allyson 1880 0.0 0.1 62012 9924 ? Sl 09:20 0:00 /usr/lib/indicator-printers/indicator-printers-service  allyson 1595 0.0 0.1 51124 9700 ? Ssl 09:20 0:00 gnome-session --session=ubuntu  allyson 2220 0.0 0.1 42568 9236 ? Sl 09:21 0:00 /usr/bin/gnome-screensaver --no-daemon  root 2252 0.0 0.1 17888 8948 ? S 09:21 0:00 /usr/bin/python /usr/lib/system-service/system-service-d  allyson 1873 0.0 0.1 75916 8704 ? Sl 09:20 0:00 /usr/lib/indicator-datetime/indicator-datetime-service  allyson 1955 0.0 0.1 90708 8672 ? Sl 09:20 0:00 /usr/lib/i386-linux-gnu/unity-shopping-daemon  allyson 1732 0.0 0.1 42072 8616 ? Sl 09:20 0:00 /usr/lib/policykit-1-gnome/polkit-gnome-authentication-agent-1  allyson 1737 0.0 0.1 58332 8604 ? Sl 09:20 0:00 /usr/lib/gnome-settings-daemon/gnome-fallback-mount-helper  allyson 2011 0.0 0.0 51388 7928 ? Sl 09:20 0:00 /usr/lib/zeitgeist/zeitgeist-fts  allyson 1951 0.0 0.0 77032 7604 ? Sl 09:20 0:00 /usr/lib/i386-linux-gnu/unity-music-daemon  allyson 2040 0.0 0.0 43952 6876 ? Sl 09:20 0:00 /usr/lib/telepathy/mission-control-5  allyson 1871 0.0 0.0 136112 6336 ? Sl 09:20 0:00 /usr/lib/indicator-sound/indicator-sound-service  allyson 1930 0.0 0.0 41096 6300 ? Sl 09:20 0:00 /usr/lib/ubuntu-geoip/ubuntu-geoip-provider  allyson 1947 0.0 0.0 84520 6300 ? Sl 09:20 0:00 /usr/lib/unity-lens-files/unity-files-daemon  allyson 1908 0.0 0.0 48776 6288 ? Sl 09:20 0:00 /usr/lib/evolution/evolution-source-registry  allyson 1854 0.0 0.0 64008 6092 ? Sl 09:20 0:00 /usr/lib/indicator-appmenu/hud-service  allyson 1949 0.0 0.0 87160 5884 ? Sl 09:20 0:00 /usr/lib/gwibber/unity-gwibber-daemon  root 754 0.0 0.0 34336 5832 ? Ssl 09:20 0:00 NetworkManager  allyson 1914 0.0 0.0 32256 5400 ? Sl 09:20 0:00 /usr/lib/geoclue/geoclue-master  allyson 1868 0.0 0.0 65324 5320 ? Sl 09:20 0:00 /usr/lib/indicator-session/indicator-session-service  allyson 1745 0.0 0.0 99624 5220 ? S<l 09:20 0:00 /usr/bin/pulseaudio --start --log-target=syslog  allyson 2012 0.0 0.0 53648 5152 ? Sl 09:20 0:00 zeitgeist-datahub  allyson 2136 0.0 0.0 98468 5132 ? Sl 09:21 0:00 /usr/lib/gvfs/gvfsd-http --spawner :1.7 /org/gtk/gvfs/exec\_spaw/2  allyson 1991 0.0 0.0 44168 4916 ? Sl 09:20 0:00 /usr/bin/zeitgeist-daemon  allyson 1870 0.0 0.0 64980 4848 ? Sl 09:20 0:00 /usr/lib/indicator-messages/indicator-messages-service  whoopsie 891 0.0 0.0 26332 4756 ? Ssl 09:20 0:00 whoopsie  colord 1707 0.0 0.0 35636 4680 ? Sl 09:20 0:00 /usr/lib/i386-linux-gnu/colord/colord  root 772 0.0 0.0 27016 4660 ? Sl 09:20 0:00 /usr/lib/policykit-1/polkitd --no-debug  allyson 1584 0.0 0.0 72324 4576 ? Sl 09:20 0:00 /usr/bin/gnome-keyring-daemon --daemonize --login  allyson 2070 0.0 0.0 84108 4484 ? Sl 09:20 0:00 /usr/lib/i386-linux-gnu/unity-musicstore-daemon  allyson 1803 0.0 0.0 29780 4348 ? Sl 09:20 0:00 /usr/lib/gvfs/gvfs-udisks2-volume-monitor  root 1806 0.0 0.0 43328 4340 ? Sl 09:20 0:00 /usr/lib/udisks2/udisksd --no-debug  allyson 1876 0.0 0.0 53200 4280 ? Sl 09:20 0:00 /usr/lib/i386-linux-gnu/indicator-application-service  allyson 2275 0.0 0.0 36652 4168 ? Sl 09:22 0:00 /usr/lib/i386-linux-gnu/deja-dup/deja-dup-monitor  allyson 1668 0.0 0.0 44432 4060 ? Sl 09:20 0:00 /usr/lib/at-spi2-core/at-spi-bus-launcher  root 1371 0.0 0.0 17944 4032 ? Sl 09:20 0:00 lightdm --session-child 12 21  root 1431 0.0 0.0 28728 3948 ? Sl 09:20 0:00 /usr/lib/upower/upowerd  root 1068 0.0 0.0 26124 3812 ? Sl 09:20 0:00 /usr/lib/accountsservice/accounts-daemon  allyson 1829 0.0 0.0 45084 3776 ? Sl 09:20 0:00 /usr/lib/gvfs/gvfsd-trash --spawner :1.7 /org/gtk/gvfs/exec\_spaw/0  allyson 1699 0.0 0.0 43124 3628 ? Sl 09:20 0:00 /usr/lib/gvfs//gvfsd-fuse -f /run/user/allyson/gvfs  allyson 2729 0.0 0.0 35580 3436 ? Sl 09:44 0:00 /usr/lib/libunity-webapps/unity-webapps-service  root 1106 0.0 0.0 29188 3404 ? Sl 09:20 0:00 /usr/sbin/console-kit-daemon --no-daemon  allyson 2346 0.0 0.0 6660 3192 pts/0 Ss 09:33 0:00 bash  root 820 0.0 0.0 5492 3120 ? S 09:20 0:00 /sbin/dhclient -d -4 -sf /usr/lib/NetworkManager/nm-dhcp-client.action -pf /var/run/sendsigs.omit.d/network-manager.dhclient-eth0.pid -lf /var/lib/dhcp/dhclient-0c142797-c719-44ce-bc30-9dca12161579-eth0.lease -cf /var/run/nm-dhclient-eth0.conf eth0  allyson 2761 0.0 0.0 34288 3048 ? Sl 09:45 0:00 /usr/lib/libreoffice/program/oosplash --calc  allyson 1675 0.0 0.0 17088 3032 ? Sl 09:20 0:00 /usr/lib/at-spi2-core/at-spi2-registryd --use-gnome-session  root 824 0.0 0.0 7404 2916 ? Ss 09:20 0:00 /usr/sbin/cupsd -F  allyson 1761 0.0 0.0 9348 2892 ? S 09:20 0:00 /usr/lib/i386-linux-gnu/gconf/gconfd-2  root 697 0.0 0.0 7416 2880 ? Ss 09:20 0:00 /usr/sbin/modem-manager  allyson 1695 0.0 0.0 26880 2872 ? Sl 09:20 0:00 /usr/lib/gvfs/gvfsd  allyson 1726 0.0 0.0 32828 2700 ? Sl 09:20 0:00 /usr/lib/dconf/dconf-service  allyson 1666 0.0 0.0 5748 2640 ? Ss 09:20 0:00 //bin/dbus-daemon --fork --print-pid 5 --print-address 7 --session  allyson 1817 0.0 0.0 27364 2620 ? Sl 09:20 0:00 /usr/lib/gvfs/gvfs-gphoto2-volume-monitor  allyson 1821 0.0 0.0 37772 2612 ? Sl 09:20 0:00 /usr/lib/gvfs/gvfs-afc-volume-monitor  allyson 1759 0.0 0.0 14220 2512 ? S 09:20 0:00 /usr/lib/pulseaudio/pulse/gconf-helper  allyson 1842 0.0 0.0 34840 2388 ? Sl 09:20 0:00 /usr/lib/gvfs/gvfsd-burn --spawner :1.7 /org/gtk/gvfs/exec\_spaw/1  root 1 0.0 0.0 3632 2044 ? Ss 09:20 0:01 /sbin/init  102 682 0.0 0.0 4040 1864 ? Ss 09:20 0:00 dbus-daemon --system --fork  allyson 1639 0.0 0.0 9124 1700 ? Sl 09:20 0:00 /usr/bin/VBoxClient --clipboard  allyson 1649 0.0 0.0 9248 1652 ? Sl 09:20 0:00 /usr/bin/VBoxClient --display  root 698 0.0 0.0 4780 1648 ? Ss 09:20 0:00 /usr/sbin/bluetoothd  allyson 1672 0.0 0.0 3380 1604 ? S 09:20 0:00 /bin/dbus-daemon --config-file=/etc/at-spi2/accessibility.conf --nofork --print-address 3  root 319 0.0 0.0 3276 1552 ? Ss 09:20 0:00 /sbin/udevd --daemon  avahi 768 0.0 0.0 3448 1476 ? S 09:20 0:00 avahi-daemon: running [allyson-VirtualBox.local]  allyson 1659 0.3 0.0 9764 1456 ? Sl 09:20 0:09 /usr/bin/VBoxClient --draganddrop  nobody 925 0.0 0.0 5468 1412 ? S 09:20 0:00 /usr/sbin/dnsmasq --no-resolv --keep-in-foreground --no-hosts --bind-interfaces --pid-file=/var/run/sendsigs.omit.d/network-manager.dnsmasq.pid --listen-address=127.0.1.1 --conf-file=/var/run/nm-dns-dnsmasq.conf --cache-size=0 --proxy-dnssec --enable-dbus=org.freedesktop.NetworkManager.dnsmasq --conf-dir=/etc/NetworkManager/dnsmasq.d  lp 2612 0.0 0.0 6288 1404 ? S 09:40 0:00 /usr/lib/cups/notifier/dbus dbus://  allyson 2843 0.0 0.0 5204 1404 pts/0 T 09:48 0:00 top  syslog 784 0.0 0.0 30048 1384 ? Sl 09:20 0:00 rsyslogd -c5  root 1183 0.0 0.0 9844 1348 ? Sl 09:20 0:00 /usr/sbin/VBoxService  allyson 2876 0.0 0.0 5356 1272 pts/0 R+ 10:05 0:00 ps aux --sort -rss  rtkit 1410 0.0 0.0 21336 1252 ? SNl 09:20 0:00 /usr/lib/rtkit/rtkit-daemon  allyson 1653 0.0 0.0 8084 1176 ? Sl 09:20 0:00 /usr/bin/VBoxClient --seamless  root 395 0.0 0.0 3316 1160 ? S 09:20 0:00 /sbin/udevd --daemon  root 396 0.0 0.0 3264 1092 ? S 09:20 0:00 /sbin/udevd --daemon  root 864 0.0 0.0 4632 884 tty4 Ss+ 09:20 0:00 /sbin/getty -8 38400 tty4  root 913 0.0 0.0 2620 884 ? Ss 09:20 0:00 cron  root 869 0.0 0.0 4632 880 tty5 Ss+ 09:20 0:00 /sbin/getty -8 38400 tty5  root 1346 0.0 0.0 4632 880 tty1 Ss+ 09:20 0:00 /sbin/getty -8 38400 tty1  root 875 0.0 0.0 4632 868 tty2 Ss+ 09:20 0:00 /sbin/getty -8 38400 tty2  root 876 0.0 0.0 4632 868 tty3 Ss+ 09:20 0:00 /sbin/getty -8 38400 tty3  root 878 0.0 0.0 4632 868 tty6 Ss+ 09:20 0:00 /sbin/getty -8 38400 tty6  allyson 2345 0.0 0.0 2404 724 ? S 09:33 0:00 gnome-pty-helper  root 893 0.0 0.0 2176 684 ? Ss 09:20 0:00 acpid -c /etc/acpi/events -s /var/run/acpid.socket  root 317 0.0 0.0 2820 612 ? S 09:20 0:00 upstart-udev-bridge --daemon  root 568 0.0 0.0 2816 600 ? S 09:20 0:00 upstart-socket-bridge --daemon  allyson 1665 0.0 0.0 3844 536 ? S 09:20 0:00 /usr/bin/dbus-launch --exit-with-session gnome-session --session=ubuntu  allyson 1847 0.0 0.0 2232 536 ? Ss 09:20 0:00 /bin/sh -c /usr/bin/gtk-window-decorator  avahi 769 0.0 0.0 3448 436 ? S 09:20 0:00 avahi-daemon: chroot helper  allyson 2018 0.0 0.0 4228 280 ? S 09:20 0:00 /bin/cat  allyson 1662 0.0 0.0 4096 204 ? Ss 09:20 0:00 /usr/bin/ssh-agent /usr/bin/dbus-launch --exit-with-session gnome-session --session=ubuntu  daemon 914 0.0 0.0 2476 120 ? Ss 09:20 0:00 atd  root 2 0.0 0.0 0 0 ? S 09:20 0:00 [kthreadd]  root 3 0.0 0.0 0 0 ? S 09:20 0:00 [ksoftirqd/0]  root 5 0.0 0.0 0 0 ? S 09:20 0:00 [kworker/u:0]  root 6 0.0 0.0 0 0 ? S 09:20 0:00 [migration/0]  root 7 0.0 0.0 0 0 ? S 09:20 0:00 [watchdog/0]  root 8 0.0 0.0 0 0 ? S< 09:20 0:00 [cpuset]  root 9 0.0 0.0 0 0 ? S< 09:20 0:00 [khelper]  root 10 0.0 0.0 0 0 ? S 09:20 0:00 [kdevtmpfs]  root 11 0.0 0.0 0 0 ? S< 09:20 0:00 [netns]  root 12 0.0 0.0 0 0 ? S 09:20 0:00 [sync\_supers]  root 13 0.0 0.0 0 0 ? S 09:20 0:00 [bdi-default]  root 14 0.0 0.0 0 0 ? S< 09:20 0:00 [kintegrityd]  root 15 0.0 0.0 0 0 ? S< 09:20 0:00 [kblockd]  root 16 0.0 0.0 0 0 ? S< 09:20 0:00 [ata\_sff]  root 17 0.0 0.0 0 0 ? S 09:20 0:00 [khubd]  root 18 0.0 0.0 0 0 ? S< 09:20 0:00 [md]  root 21 0.0 0.0 0 0 ? S 09:20 0:00 [khungtaskd]  root 22 0.0 0.0 0 0 ? S 09:20 0:00 [kswapd0]  root 23 0.0 0.0 0 0 ? SN 09:20 0:00 [ksmd]  root 24 0.0 0.0 0 0 ? SN 09:20 0:00 [khugepaged]  root 25 0.0 0.0 0 0 ? S 09:20 0:00 [fsnotify\_mark]  root 26 0.0 0.0 0 0 ? S 09:20 0:00 [ecryptfs-kthrea]  root 27 0.0 0.0 0 0 ? S< 09:20 0:00 [crypto]  root 36 0.0 0.0 0 0 ? S< 09:20 0:00 [kthrotld]  root 38 0.0 0.0 0 0 ? S 09:20 0:00 [scsi\_eh\_0]  root 39 0.0 0.0 0 0 ? S 09:20 0:00 [scsi\_eh\_1]  root 40 0.0 0.0 0 0 ? S 09:20 0:00 [kworker/u:3]  root 43 0.0 0.0 0 0 ? S< 09:20 0:00 [binder]  root 62 0.0 0.0 0 0 ? S< 09:20 0:00 [deferwq]  root 63 0.0 0.0 0 0 ? S< 09:20 0:00 [charger\_manager]  root 64 0.0 0.0 0 0 ? S< 09:20 0:00 [devfreq\_wq]  root 211 0.0 0.0 0 0 ? S 09:20 0:00 [scsi\_eh\_2]  root 228 0.0 0.0 0 0 ? S 09:20 0:00 [jbd2/sda1-8]  root 229 0.0 0.0 0 0 ? S< 09:20 0:00 [ext4-dio-unwrit]  root 247 0.0 0.0 0 0 ? S 09:20 0:00 [flush-8:0]  root 430 0.0 0.0 0 0 ? S< 09:20 0:00 [iprt]  root 434 0.0 0.0 0 0 ? S< 09:20 0:00 [kpsmoused]  root 757 0.0 0.0 0 0 ? S< 09:20 0:00 [krfcommd]  root 2431 0.0 0.0 0 0 ? S 09:35 0:00 [kworker/0:2]  root 2861 0.0 0.0 0 0 ? S 09:55 0:00 [kworker/0:0]  root 2863 0.0 0.0 0 0 ? S 10:00 0:00 [kworker/0:1] |

In Order by Virtual Memory (text dump processes-by-vsz.txt)

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| --- |
| USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND  allyson 1716 8.3 3.5 477740 288216 ? Sl 09:20 4:27 compiz  allyson 2713 0.4 0.9 370896 78900 ? Sl 09:44 0:07 /usr/lib/firefox/firefox  allyson 2806 0.1 0.9 218476 77984 ? Sl 09:45 0:02 /usr/lib/libreoffice/program/soffice.bin --calc --splash-pipe=6  allyson 1687 0.0 0.2 154896 16428 ? Sl 09:20 0:00 /usr/lib/gnome-settings-daemon/gnome-settings-daemon  allyson 1871 0.0 0.0 136112 6336 ? Sl 09:20 0:00 /usr/lib/indicator-sound/indicator-sound-service  allyson 1739 0.0 0.2 135676 23396 ? Sl 09:20 0:00 nautilus -n  allyson 1740 0.0 0.1 120168 15228 ? Sl 09:20 0:00 nm-applet  allyson 1953 0.0 0.2 112460 19864 ? Sl 09:20 0:00 /usr/bin/python3 /usr/lib/unity-lens-photos/unity-lens-photos  allyson 2045 0.0 0.2 112036 19336 ? Sl 09:20 0:00 /usr/bin/signon-ui  root 908 1.3 0.9 110300 80800 tty7 Ss+ 09:20 0:43 /usr/bin/X :0 -core -auth /var/run/lightdm/root/:0 -nolisten tcp vt7 -novtswitch -background none  allyson 2023 0.0 0.1 106996 15108 ? Sl 09:20 0:00 /usr/bin/python3 /usr/lib/unity-lens-files/unity-scope-gdocs  allyson 1745 0.0 0.0 99624 5220 ? S<l 09:20 0:00 /usr/bin/pulseaudio --start --log-target=syslog  allyson 2091 0.0 0.1 98936 13940 ? Sl 09:20 0:00 /usr/bin/python /usr/lib/unity-scope-video-remote/unity-scope-video-remote  allyson 2136 0.0 0.0 98468 5132 ? Sl 09:21 0:00 /usr/lib/gvfs/gvfsd-http --spawner :1.7 /org/gtk/gvfs/exec\_spaw/2  allyson 2232 0.0 0.1 97440 14348 ? Sl 09:21 0:00 update-notifier  allyson 1852 0.0 0.2 95556 20744 ? Sl 09:20 0:01 /usr/lib/unity/unity-panel-service  allyson 2336 0.2 0.2 91936 16340 ? Sl 09:33 0:06 gnome-terminal  allyson 1955 0.0 0.1 90708 8672 ? Sl 09:20 0:00 /usr/lib/i386-linux-gnu/unity-shopping-daemon  lightdm 1461 0.0 0.1 88136 10088 ? Sl 09:20 0:00 /usr/lib/evolution/evolution-calendar-factory  allyson 1949 0.0 0.0 87160 5884 ? Sl 09:20 0:00 /usr/lib/gwibber/unity-gwibber-daemon  allyson 1947 0.0 0.0 84520 6300 ? Sl 09:20 0:00 /usr/lib/unity-lens-files/unity-files-daemon  allyson 1957 0.0 0.1 84488 12568 ? Sl 09:20 0:00 /usr/bin/python /usr/lib/unity-lens-video/unity-lens-video  allyson 2070 0.0 0.0 84108 4484 ? Sl 09:20 0:00 /usr/lib/i386-linux-gnu/unity-musicstore-daemon  allyson 2022 0.0 0.1 83192 10276 ? Sl 09:20 0:00 telepathy-indicator  allyson 1731 0.0 0.1 79716 11636 ? Sl 09:20 0:00 bluetooth-applet  allyson 1836 0.0 0.1 78344 10708 ? Sl 09:20 0:00 /usr/lib/bamf/bamfdaemon  allyson 1951 0.0 0.0 77032 7604 ? Sl 09:20 0:00 /usr/lib/i386-linux-gnu/unity-music-daemon  allyson 1873 0.0 0.1 75916 8704 ? Sl 09:20 0:00 /usr/lib/indicator-datetime/indicator-datetime-service  allyson 1945 0.0 0.1 74208 10252 ? Sl 09:20 0:00 /usr/lib/unity-lens-applications/unity-applications-daemon  allyson 1584 0.0 0.0 72324 4576 ? Sl 09:20 0:00 /usr/bin/gnome-keyring-daemon --daemonize --login  allyson 1868 0.0 0.0 65324 5320 ? Sl 09:20 0:00 /usr/lib/indicator-session/indicator-session-service  allyson 1870 0.0 0.0 64980 4848 ? Sl 09:20 0:00 /usr/lib/indicator-messages/indicator-messages-service  allyson 1854 0.0 0.0 64008 6092 ? Sl 09:20 0:00 /usr/lib/indicator-appmenu/hud-service  allyson 1880 0.0 0.1 62012 9924 ? Sl 09:20 0:00 /usr/lib/indicator-printers/indicator-printers-service  allyson 1737 0.0 0.1 58332 8604 ? Sl 09:20 0:00 /usr/lib/gnome-settings-daemon/gnome-fallback-mount-helper  allyson 2012 0.0 0.0 53648 5152 ? Sl 09:20 0:00 zeitgeist-datahub  allyson 1876 0.0 0.0 53200 4280 ? Sl 09:20 0:00 /usr/lib/i386-linux-gnu/indicator-application-service  allyson 2011 0.0 0.0 51388 7928 ? Sl 09:20 0:00 /usr/lib/zeitgeist/zeitgeist-fts  allyson 1595 0.0 0.1 51124 9700 ? Ssl 09:20 0:00 gnome-session --session=ubuntu  allyson 1908 0.0 0.0 48776 6288 ? Sl 09:20 0:00 /usr/lib/evolution/evolution-source-registry  allyson 1829 0.0 0.0 45084 3776 ? Sl 09:20 0:00 /usr/lib/gvfs/gvfsd-trash --spawner :1.7 /org/gtk/gvfs/exec\_spaw/0  allyson 1668 0.0 0.0 44432 4060 ? Sl 09:20 0:00 /usr/lib/at-spi2-core/at-spi-bus-launcher  allyson 2216 0.0 0.1 44228 12336 ? Sl 09:21 0:00 /usr/lib/notify-osd/notify-osd  allyson 1991 0.0 0.0 44168 4916 ? Sl 09:20 0:00 /usr/bin/zeitgeist-daemon  allyson 2040 0.0 0.0 43952 6876 ? Sl 09:20 0:00 /usr/lib/telepathy/mission-control-5  root 1806 0.0 0.0 43328 4340 ? Sl 09:20 0:00 /usr/lib/udisks2/udisksd --no-debug  allyson 1699 0.0 0.0 43124 3628 ? Sl 09:20 0:00 /usr/lib/gvfs//gvfsd-fuse -f /run/user/allyson/gvfs  allyson 1848 0.0 0.1 42592 10740 ? Sl 09:20 0:00 /usr/bin/gtk-window-decorator  allyson 2220 0.0 0.1 42568 9236 ? Sl 09:21 0:00 /usr/bin/gnome-screensaver --no-daemon  allyson 1732 0.0 0.1 42072 8616 ? Sl 09:20 0:00 /usr/lib/policykit-1-gnome/polkit-gnome-authentication-agent-1  allyson 1930 0.0 0.0 41096 6300 ? Sl 09:20 0:00 /usr/lib/ubuntu-geoip/ubuntu-geoip-provider  allyson 1821 0.0 0.0 37772 2612 ? Sl 09:20 0:00 /usr/lib/gvfs/gvfs-afc-volume-monitor  allyson 2275 0.0 0.0 36652 4168 ? Sl 09:22 0:00 /usr/lib/i386-linux-gnu/deja-dup/deja-dup-monitor  colord 1707 0.0 0.0 35636 4680 ? Sl 09:20 0:00 /usr/lib/i386-linux-gnu/colord/colord  allyson 2729 0.0 0.0 35580 3436 ? Sl 09:44 0:00 /usr/lib/libunity-webapps/unity-webapps-service  allyson 1842 0.0 0.0 34840 2388 ? Sl 09:20 0:00 /usr/lib/gvfs/gvfsd-burn --spawner :1.7 /org/gtk/gvfs/exec\_spaw/1  root 896 0.0 0.4 34496 32472 ? SLsl 09:20 0:00 lightdm  root 754 0.0 0.0 34336 5832 ? Ssl 09:20 0:00 NetworkManager  allyson 2761 0.0 0.0 34288 3048 ? Sl 09:45 0:00 /usr/lib/libreoffice/program/oosplash --calc  allyson 1726 0.0 0.0 32828 2700 ? Sl 09:20 0:00 /usr/lib/dconf/dconf-service  allyson 1914 0.0 0.0 32256 5400 ? Sl 09:20 0:00 /usr/lib/geoclue/geoclue-master  syslog 784 0.0 0.0 30048 1384 ? Sl 09:20 0:00 rsyslogd -c5  allyson 1803 0.0 0.0 29780 4348 ? Sl 09:20 0:00 /usr/lib/gvfs/gvfs-udisks2-volume-monitor  root 1106 0.0 0.0 29188 3404 ? Sl 09:20 0:00 /usr/sbin/console-kit-daemon --no-daemon  root 1431 0.0 0.0 28728 3948 ? Sl 09:20 0:00 /usr/lib/upower/upowerd  allyson 1817 0.0 0.0 27364 2620 ? Sl 09:20 0:00 /usr/lib/gvfs/gvfs-gphoto2-volume-monitor  root 772 0.0 0.0 27016 4660 ? Sl 09:20 0:00 /usr/lib/policykit-1/polkitd --no-debug  allyson 1695 0.0 0.0 26880 2872 ? Sl 09:20 0:00 /usr/lib/gvfs/gvfsd  whoopsie 891 0.0 0.0 26332 4756 ? Ssl 09:20 0:00 whoopsie  root 1068 0.0 0.0 26124 3812 ? Sl 09:20 0:00 /usr/lib/accountsservice/accounts-daemon  rtkit 1410 0.0 0.0 21336 1252 ? SNl 09:20 0:00 /usr/lib/rtkit/rtkit-daemon  root 1371 0.0 0.0 17944 4032 ? Sl 09:20 0:00 lightdm --session-child 12 21  root 2252 0.0 0.1 17888 8948 ? S 09:21 0:00 /usr/bin/python /usr/lib/system-service/system-service-d  allyson 1675 0.0 0.0 17088 3032 ? Sl 09:20 0:00 /usr/lib/at-spi2-core/at-spi2-registryd --use-gnome-session  allyson 1759 0.0 0.0 14220 2512 ? S 09:20 0:00 /usr/lib/pulseaudio/pulse/gconf-helper  root 1183 0.0 0.0 9844 1348 ? Sl 09:20 0:01 /usr/sbin/VBoxService  allyson 1659 0.3 0.0 9764 1456 ? Sl 09:20 0:10 /usr/bin/VBoxClient --draganddrop  allyson 1761 0.0 0.0 9348 2892 ? S 09:20 0:00 /usr/lib/i386-linux-gnu/gconf/gconfd-2  allyson 1649 0.0 0.0 9248 1652 ? Sl 09:20 0:00 /usr/bin/VBoxClient --display  allyson 1639 0.0 0.0 9124 1700 ? Sl 09:20 0:00 /usr/bin/VBoxClient --clipboard  allyson 1653 0.0 0.0 8084 1176 ? Sl 09:20 0:00 /usr/bin/VBoxClient --seamless  root 697 0.0 0.0 7416 2880 ? Ss 09:20 0:00 /usr/sbin/modem-manager  root 824 0.0 0.0 7404 2916 ? Ss 09:20 0:00 /usr/sbin/cupsd -F  allyson 2346 0.0 0.0 6660 3196 pts/0 Ss 09:33 0:00 bash  lp 2612 0.0 0.0 6288 1404 ? S 09:40 0:00 /usr/lib/cups/notifier/dbus dbus://  allyson 1666 0.0 0.0 5748 2640 ? Ss 09:20 0:00 //bin/dbus-daemon --fork --print-pid 5 --print-address 7 --session  root 820 0.0 0.0 5492 3120 ? S 09:20 0:00 /sbin/dhclient -d -4 -sf /usr/lib/NetworkManager/nm-dhcp-client.action -pf /var/run/sendsigs.omit.d/network-manager.dhclient-eth0.pid -lf /var/lib/dhcp/dhclient-0c142797-c719-44ce-bc30-9dca12161579-eth0.lease -cf /var/run/nm-dhclient-eth0.conf eth0  nobody 925 0.0 0.0 5468 1412 ? S 09:20 0:00 /usr/sbin/dnsmasq --no-resolv --keep-in-foreground --no-hosts --bind-interfaces --pid-file=/var/run/sendsigs.omit.d/network-manager.dnsmasq.pid --listen-address=127.0.1.1 --conf-file=/var/run/nm-dns-dnsmasq.conf --cache-size=0 --proxy-dnssec --enable-dbus=org.freedesktop.NetworkManager.dnsmasq --conf-dir=/etc/NetworkManager/dnsmasq.d  allyson 2882 0.0 0.0 5356 1272 pts/0 R+ 10:13 0:00 ps aux --sort -vsz  allyson 2843 0.0 0.0 5204 1404 pts/0 T 09:48 0:00 top  root 698 0.0 0.0 4780 1648 ? Ss 09:20 0:00 /usr/sbin/bluetoothd  root 864 0.0 0.0 4632 884 tty4 Ss+ 09:20 0:00 /sbin/getty -8 38400 tty4  root 869 0.0 0.0 4632 880 tty5 Ss+ 09:20 0:00 /sbin/getty -8 38400 tty5  root 875 0.0 0.0 4632 868 tty2 Ss+ 09:20 0:00 /sbin/getty -8 38400 tty2  root 876 0.0 0.0 4632 868 tty3 Ss+ 09:20 0:00 /sbin/getty -8 38400 tty3  root 878 0.0 0.0 4632 868 tty6 Ss+ 09:20 0:00 /sbin/getty -8 38400 tty6  root 1346 0.0 0.0 4632 880 tty1 Ss+ 09:20 0:00 /sbin/getty -8 38400 tty1  allyson 2018 0.0 0.0 4228 280 ? S 09:20 0:00 /bin/cat  allyson 1662 0.0 0.0 4096 204 ? Ss 09:20 0:00 /usr/bin/ssh-agent /usr/bin/dbus-launch --exit-with-session gnome-session --session=ubuntu  102 682 0.0 0.0 4040 1864 ? Ss 09:20 0:00 dbus-daemon --system --fork  allyson 1665 0.0 0.0 3844 536 ? S 09:20 0:00 /usr/bin/dbus-launch --exit-with-session gnome-session --session=ubuntu  root 1 0.0 0.0 3632 2044 ? Ss 09:20 0:01 /sbin/init  avahi 768 0.0 0.0 3448 1476 ? S 09:20 0:00 avahi-daemon: running [allyson-VirtualBox.local]  avahi 769 0.0 0.0 3448 436 ? S 09:20 0:00 avahi-daemon: chroot helper  allyson 1672 0.0 0.0 3380 1604 ? S 09:20 0:00 /bin/dbus-daemon --config-file=/etc/at-spi2/accessibility.conf --nofork --print-address 3  root 395 0.0 0.0 3316 1160 ? S 09:20 0:00 /sbin/udevd --daemon  root 319 0.0 0.0 3276 1552 ? Ss 09:20 0:00 /sbin/udevd --daemon  root 396 0.0 0.0 3264 1092 ? S 09:20 0:00 /sbin/udevd --daemon  root 317 0.0 0.0 2820 612 ? S 09:20 0:00 upstart-udev-bridge --daemon  root 568 0.0 0.0 2816 600 ? S 09:20 0:00 upstart-socket-bridge --daemon  root 913 0.0 0.0 2620 884 ? Ss 09:20 0:00 cron  daemon 914 0.0 0.0 2476 120 ? Ss 09:20 0:00 atd  allyson 2345 0.0 0.0 2404 724 ? S 09:33 0:00 gnome-pty-helper  allyson 1847 0.0 0.0 2232 536 ? Ss 09:20 0:00 /bin/sh -c /usr/bin/gtk-window-decorator  root 893 0.0 0.0 2176 684 ? Ss 09:20 0:00 acpid -c /etc/acpi/events -s /var/run/acpid.socket  root 2 0.0 0.0 0 0 ? S 09:20 0:00 [kthreadd]  root 3 0.0 0.0 0 0 ? S 09:20 0:00 [ksoftirqd/0]  root 5 0.0 0.0 0 0 ? S 09:20 0:00 [kworker/u:0]  root 6 0.0 0.0 0 0 ? S 09:20 0:00 [migration/0]  root 7 0.0 0.0 0 0 ? S 09:20 0:00 [watchdog/0]  root 8 0.0 0.0 0 0 ? S< 09:20 0:00 [cpuset]  root 9 0.0 0.0 0 0 ? S< 09:20 0:00 [khelper]  root 10 0.0 0.0 0 0 ? S 09:20 0:00 [kdevtmpfs]  root 11 0.0 0.0 0 0 ? S< 09:20 0:00 [netns]  root 12 0.0 0.0 0 0 ? S 09:20 0:00 [sync\_supers]  root 13 0.0 0.0 0 0 ? S 09:20 0:00 [bdi-default]  root 14 0.0 0.0 0 0 ? S< 09:20 0:00 [kintegrityd]  root 15 0.0 0.0 0 0 ? S< 09:20 0:00 [kblockd]  root 16 0.0 0.0 0 0 ? S< 09:20 0:00 [ata\_sff]  root 17 0.0 0.0 0 0 ? S 09:20 0:00 [khubd]  root 18 0.0 0.0 0 0 ? S< 09:20 0:00 [md]  root 21 0.0 0.0 0 0 ? S 09:20 0:00 [khungtaskd]  root 22 0.0 0.0 0 0 ? S 09:20 0:00 [kswapd0]  root 23 0.0 0.0 0 0 ? SN 09:20 0:00 [ksmd]  root 24 0.0 0.0 0 0 ? SN 09:20 0:00 [khugepaged]  root 25 0.0 0.0 0 0 ? S 09:20 0:00 [fsnotify\_mark]  root 26 0.0 0.0 0 0 ? S 09:20 0:00 [ecryptfs-kthrea]  root 27 0.0 0.0 0 0 ? S< 09:20 0:00 [crypto]  root 36 0.0 0.0 0 0 ? S< 09:20 0:00 [kthrotld]  root 38 0.0 0.0 0 0 ? S 09:20 0:00 [scsi\_eh\_0]  root 39 0.0 0.0 0 0 ? S 09:20 0:00 [scsi\_eh\_1]  root 40 0.0 0.0 0 0 ? S 09:20 0:00 [kworker/u:3]  root 43 0.0 0.0 0 0 ? S< 09:20 0:00 [binder]  root 62 0.0 0.0 0 0 ? S< 09:20 0:00 [deferwq]  root 63 0.0 0.0 0 0 ? S< 09:20 0:00 [charger\_manager]  root 64 0.0 0.0 0 0 ? S< 09:20 0:00 [devfreq\_wq]  root 211 0.0 0.0 0 0 ? S 09:20 0:00 [scsi\_eh\_2]  root 228 0.0 0.0 0 0 ? S 09:20 0:00 [jbd2/sda1-8]  root 229 0.0 0.0 0 0 ? S< 09:20 0:00 [ext4-dio-unwrit]  root 247 0.0 0.0 0 0 ? S 09:20 0:00 [flush-8:0]  root 430 0.0 0.0 0 0 ? S< 09:20 0:00 [iprt]  root 434 0.0 0.0 0 0 ? S< 09:20 0:00 [kpsmoused]  root 757 0.0 0.0 0 0 ? S< 09:20 0:00 [krfcommd]  root 2431 0.0 0.0 0 0 ? S 09:35 0:01 [kworker/0:2]  root 2878 0.0 0.0 0 0 ? S 10:05 0:00 [kworker/0:0]  root 2880 0.0 0.0 0 0 ? S 10:10 0:00 [kworker/0:1] |

1. Login to my.cs.lmu.edu. Who else, other than root and you, has processes running at that time?
   1. The users, other than me and root, running processes on my.cs.lmu.edu as of 04-24 are:  
      syslog  
      statd  
      102  
      daemon  
      mysql  
      postfix  
      www-data  
      ntp  
      pid
   2. Ps uU root uU apascua -N

Text dump processes-non-root-apascua.txt

|  |
| --- |
| USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND  syslog 662 0.0 0.0 184780 3272 ? Sl Apr08 1:13 rsyslogd -c5  statd 677 0.0 0.0 25612 1528 ? Ss Apr08 0:00 rpc.statd -L  102 679 0.0 0.0 24160 436 ? Ss Apr08 0:00 dbus-daemon --system --fork --activation=upstart  daemon 882 0.0 0.0 16784 316 ? Ss Apr08 0:00 atd  mysql 904 0.0 0.5 171064 21196 ? Ssl Apr08 2:21 /usr/sbin/mysqld  postfix 1263 0.0 0.0 27224 1788 ? S Apr08 0:00 qmgr -l -t fifo -u  postfix 9124 0.0 0.0 37828 3064 ? S Apr09 0:00 tlsmgr -l -t unix -u -c  www-data 9996 0.0 0.2 203448 11172 ? S Apr21 0:00 /usr/sbin/apache2 -k start  www-data 9998 0.0 0.2 203440 11156 ? S Apr21 0:00 /usr/sbin/apache2 -k start  www-data 9999 0.0 0.2 203432 11156 ? S Apr21 0:00 /usr/sbin/apache2 -k start  www-data 10710 0.0 0.2 205252 11608 ? S Apr21 0:00 /usr/sbin/apache2 -k start  www-data 12056 0.0 0.2 203480 11208 ? S Apr21 0:00 /usr/sbin/apache2 -k start  www-data 18389 0.0 0.2 203172 11156 ? S Apr21 0:00 /usr/sbin/apache2 -k start  www-data 24310 0.0 0.2 202892 10796 ? S Apr22 0:00 /usr/sbin/apache2 -k start  www-data 24396 0.0 0.2 202892 10796 ? S Apr22 0:00 /usr/sbin/apache2 -k start  www-data 24451 0.0 0.2 202928 11076 ? S Apr22 0:00 /usr/sbin/apache2 -k start  ntp 28492 0.0 0.0 28824 1652 ? Ss 03:50 0:00 /usr/sbin/ntpd -p /var/run/ntpd.pid -g -c /var/lib/ntp/ntp.conf.dhcp -u 110:119  www-data 28508 0.0 0.1 201720 7932 ? S 03:53 0:00 /usr/sbin/apache2 -k start  postfix 29508 0.0 0.0 27012 1608 ? S 04:57 0:00 pickup -l -t fifo -u -c |