

MANAGE LINUX ZOMBIE PROCESSES

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root@Wrk1: ~  
File Edit View Search Terminal Help  
root@Wrk1:~# ps aux  
-
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root@Wrk1: ~  
File Edit View Search Terminal Help  
root 1346 0 0.0 1960 452 tty3 Ss+ 06:01 00:00 /sbin/mingetty /  
root 1348 0 0.0 1960 452 tty4 Ss+ 06:01 00:00 /sbin/mingetty /  
root 1350 0 0.0 1960 456 tty5 Ss+ 06:01 00:00 /sbin/mingetty /  
root 1352 0 0.0 1960 456 tty6 Ss+ 06:01 00:00 /sbin/mingetty /  
root 1429 0 0.1 5832 1264 ? Ss 06:01 00:00 crond  
root 1570 0 0.0 2508 1865 ? Z 11:50 00:00 /sbin/dhclient -  
root 1854 0 0.1 5372 1228 ? S 06:01 00:00 /sbin/runuser -s  
torrent 1857 0 0.7 24900 7472 ? Ssl 06:01 00:00 /usr/bin/python  
nobody 1876 0 0.0 2596 504 ? S 06:01 00:00 /usr/sbin/dnsmas  
root 1980 0 0.0 10640 436 ? Z 11:50 00:00 /bin/sendmail  
root 2156 0 2.3 2723624184 ? SLl 06:01 00:00 /sbin/multipathd  
root 2166 0 0.0 792 0 ? S 11:50 00:00 auditd  
root 2167 0 0.0 493 0 ? S 11:50 00:00 /usr/sbin/acpid  
2168 0 0.0 0 0 tty1 S 11:50 00:00 -bash  
2169 0 0.0 0 0 tty1 R 11:50 00:00 terminal  
root 2170 0 0.0 0 0 tty1 S 11:50 00:00 -bash  
root 2171 0 0.0 0 0 tty1 R 11:50 00:00 ps aux  
root 2231 0 0.1 5108 1356 ? S 06:01 00:00 /bin/sh /usr/bin  
mysql 2320 0 1.313644413812 ? Sl 06:01 00:00 /usr/libexec/mys  
root 2344 0 0.2 5568 2840 ? Ss 06:01 00:00 login -- root  
root 2351 0 0.2 24144 2772 ? Sl 06:01 00:00 /usr/sbin/consol
```

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root@Wrk1: ~  
File Edit View Search Terminal Help  
root 1151 0 0.0 2748 496 ? Ss 06:01 00:00 rpc.idmapd  
root 1161 0 0.2 12380 2632 ? Ss 06:01 00:00 cupsd -C /etc/cu  
root 1186 0 0.0 1972 580 ? Ss 06:01 00:00 /usr/sbin/acpid  
root 1194 0 0.3 16804 3180 ? Ssl 06:01 00:00 hald  
root 1195 0 0.1 3852 1132 ? S 06:01 00:00 hald-runner  
root 1224 0 0.1 3924 1164 ? S 06:01 00:00 hald-addon-input  
root 1248 0 0.1 3924 1164 ? S 06:01 00:00 hald-addon-stora  
root 1252 0 0.1 3540 1048 ? S 06:01 00:00 /usr/libexec/hal  
root 1283 0 0.1 6508 1104 ? Ss 06:01 00:00 /usr/sbin/sshd  
root 1301 0 0.0 5108 1356 ? Z 11:50 00:00 /bin/kswapd  
root 1329 0 0.0 2820 436 ? Ss+ 06:01 00:00 /usr/sbin/atd  
root 1344 0 0.0 1960 452 tty2 Ss+ 06:01 00:00 /sbin/mingetty /  
root 1346 0 0.0 1960 452 tty3 Ss+ 06:01 00:00 /sbin/mingetty /  
root 1348 0 0.0 1960 452 tty4 Ss+ 06:01 00:00 /sbin/mingetty /  
root 1350 0 0.0 1960 456 tty5 Ss+ 06:01 00:00 /sbin/mingetty /  
root 1352 0 0.0 1960 456 tty6 Ss+ 06:01 00:00 /sbin/mingetty /  
root 1429 0 0.1 5832 1264 ? Ss 06:01 00:00 crond  
root 1570 0 0.0 2508 1865 ? Z 11:50 00:00 /sbin/dhclient -  
root 1854 0 0.1 5372 1228 ? S 06:01 00:00 /sbin/runuser -s  
torrent 1857 0 0.7 24900 7472 ? Ssl 06:01 00:00 /usr/bin/python  
nobody 1876 0 0.0 2596 504 ? S 06:01 00:00 /usr/sbin/dnsmas
```

```
root@Wrk1: ~  
File Edit View Search Terminal Help  
root 2545 0 0.0 0 0 ? S 06:01 00:00 [nfsd]  
root 2546 0 0.0 0 0 ? S 06:01 00:00 [nfsd]  
root 2547 0 0.0 0 0 ? S 06:01 00:00 [nfsd]  
root 2550 0 0.0 2780 456 ? Ss 06:01 00:00 rpc.mountd  
root 2596 0 0.1 14448 1476 ? Ssl 06:01 00:00 pcscd  
root 2651 0 0.9 12916 9380 ? Ss 06:01 00:00 /usr/sbin/restor  
rpc 2681 0 0.0 2512 632 ? Ss 06:01 00:00 rpcbind  
root 2726 0 0.1 11468 1760 ? Ss 06:01 00:00 sendmail: accept  
smmsp 2736 0 0.1 9660 1548 ? Ss 06:01 00:00 sendmail: Queue  
root 3103 0 0.2 9536 0 ? Ss 06:01 00:00 sshd: root@pts/0  
root@Wrk1:~# kill -9 1301  
root@Wrk1:~# kill -9 1570  
root@Wrk1:~# kill -9 1980  
root@Wrk1:~# ps aux | less
```

```
root@Wrk1: ~  
File Edit View Search Terminal Help  
USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND  
root 2 0 0.0 0 0 ? S 06:01 00:00 [kthreadd]  
root 3 0 0.0 0 0 ? S 06:01 00:00 [migration/0]  
root 4 0 0.0 0 0 ? S 06:01 00:00 [ksoftirqd/0]  
root 5 0 0.0 0 0 ? S 06:01 00:00 [watchdog/0]  
root 6 0 0.0 0 0 ? S 06:01 00:00 [migration/1]  
root 7 0 0.0 0 0 ? S 06:01 00:00 [ksoftirqd/1]  
root 8 0 0.0 0 0 ? S 06:01 00:00 [watchdog/1]  
root 9 0 0.0 0 0 ? S 06:01 00:00 [events/0]  
root 10 0 0.0 0 0 ? S 06:01 00:00 [events/1]  
root 11 0 0.0 0 0 ? S 06:01 00:00 [cpuset]  
root 12 0 0.0 0 0 ? S 06:01 00:00 [khelper]  
root 13 0 0.0 0 0 ? S 06:01 00:00 [netns]  
root 14 0 0.0 0 0 ? S 06:01 00:00 [async/mgr]  
root 15 0 0.0 0 0 ? S 06:01 00:00 [pm]  
root 16 0 0.0 0 0 ? S 06:01 00:00 [sync_supers]  
root 17 0 0.0 0 0 ? S 06:01 00:00 [bdi-default]  
root 18 0 0.0 0 0 ? S 06:01 00:00 [kintegrityd/0]  
root 19 0 0.0 0 0 ? S 06:01 00:00 [kintegrityd/1]  
root 20 0 0.0 0 0 ? S 06:01 00:00 [kblockd/0]  
root 21 0 0.0 0 0 ? S 06:01 00:00 [kblockd/1]
```

Check Answers

Time Spent: 01:24

Score: 3/3 (100%)

TASK SUMMARY

Required Actions

- ✓ Kill process 1301 (bin/kswapd)
- ✓ Kill process 1570 (sbin/dhclient)
- ✓ Kill process 1980 (bin/sendmail)