



SURVIVAL



COPOUX

DON'T PANIC

- Desktop?
- Server!
- Play with it!



GETTING IN

- ssh
- PuTTY
- sudo



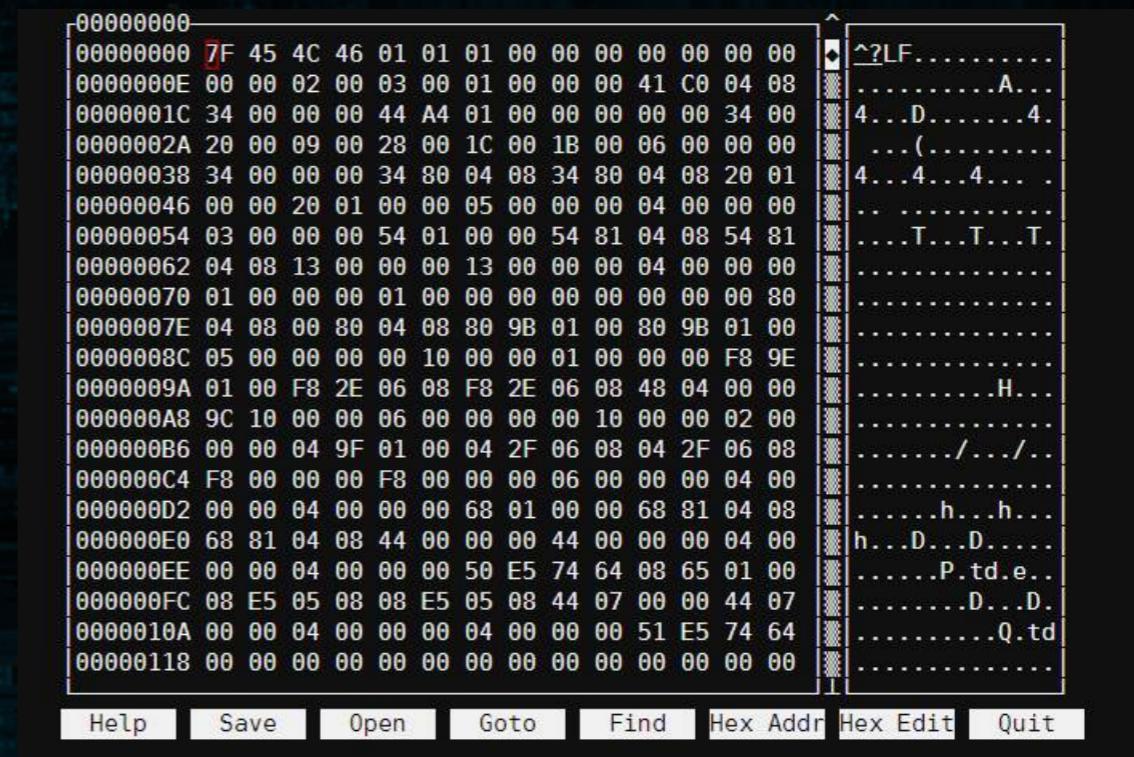
GETTING AROUND

- pwd
- ls
- cd



PEEKING AT FILES

- cat
 - less
 - tail



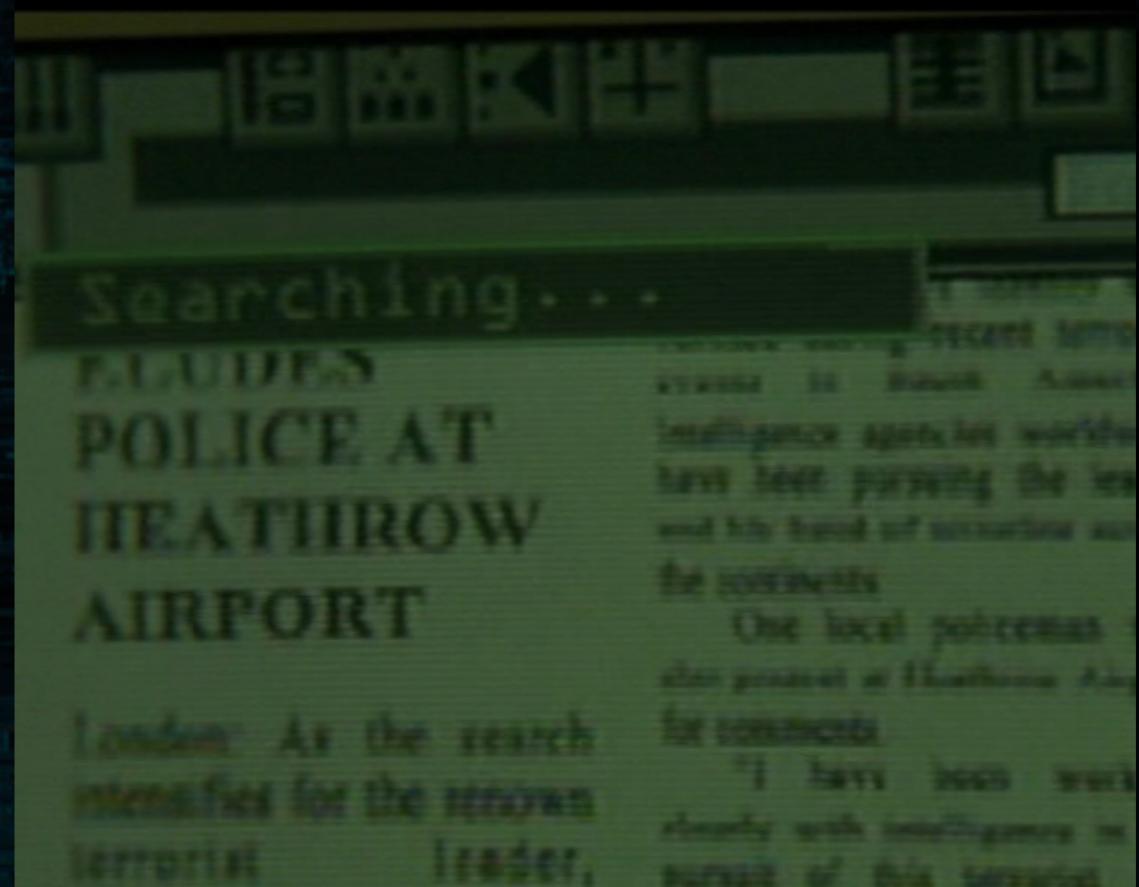
FINDING FILES

- find
- locate
- which



SEARCH ME

- grep



WHAT'S GOING ON?

- ps
- top
- /proc
- ifconfig
- ip
- ping
- traceroute

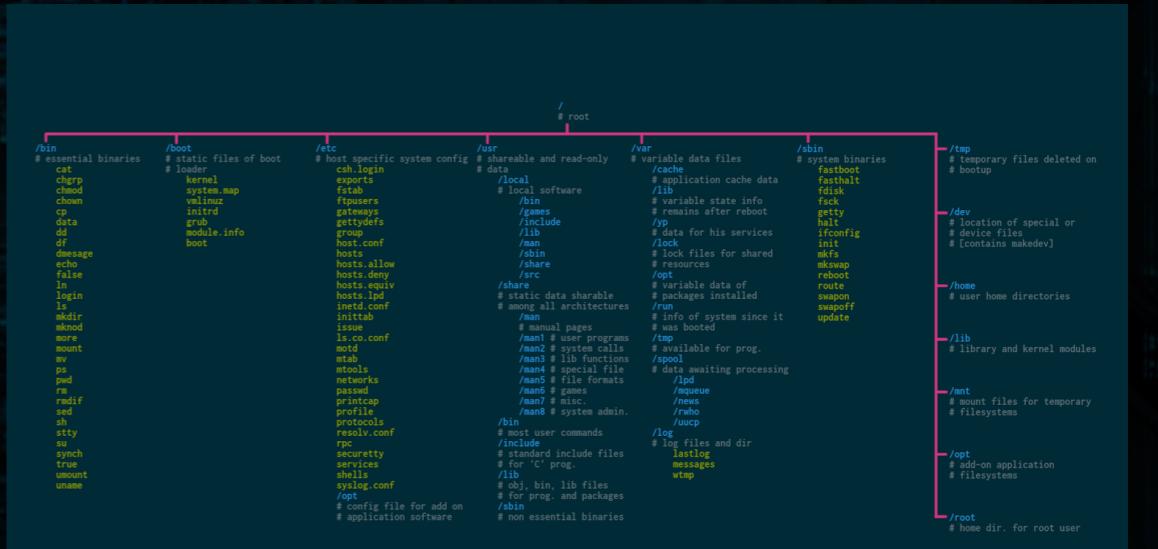
```
top - 11:27:51 up 13 min, 2 users, load average: 0.73, 0.62, 0.34
Tasks: 162 total, 2 running, 160 sleeping, 0 stopped, 0 zombie
%Cpu(s): 1.0 us, 0.0 sy, 0.0 ni, 98.7 id, 0.3 wa, 0.0 hi, 0.0 si, 0.0 st
KiB Mem: 501496 total, 494740 used, 6756 free, 15476 buffers
KiB Swap: 522236 total, 463992 used, 58244 free. 135292 cached Mem

      PID USER      PR  NI    VIRT    RES    SHR S %CPU %MEM     TIME+ COMMAND
 1631 shawn    20   0 1256672  93180  18452 S  0.7 18.6  1:14.82 compiz
     1 root     20   0   33772   3204   1816 S  0.0  0.6  0:01.05 init
     2 root     20   0       0     0     0 S  0.0  0.0  0:00.00 kthreadd
     3 root     20   0       0     0     0 S  0.0  0.0  0:00.41 ksoftirqd/0
     4 root     20   0       0     0     0 S  0.0  0.0  0:00.00 kworker/0:0
     5 root     0  -20       0     0     0 S  0.0  0.0  0:00.00 kworker/0:0H
     7 root     20   0       0     0     0 S  0.0  0.0  0:00.32 rcu_sched
     8 root     20   0       0     0     0 R  0.0  0.0  0:00.25 rcuos/0
     9 root     20   0       0     0     0 S  0.0  0.0  0:00.00 rcu_bh
    10 root     20   0       0     0     0 S  0.0  0.0  0:00.00 rcuob/0
    11 root     rt   0       0     0     0 S  0.0  0.0  0:00.00 migration/0
    12 root     rt   0       0     0     0 S  0.0  0.0  0:00.03 watchdog/0
    13 root     0  -20       0     0     0 S  0.0  0.0  0:00.00 khelper
    14 root     20   0       0     0     0 S  0.0  0.0  0:00.00 kdevtmpfs
    15 root     0  -20       0     0     0 S  0.0  0.0  0:00.00 netns
    16 root     20   0       0     0     0 S  0.0  0.0  0:00.00 khungtaskd
    17 root     0  -20       0     0     0 S  0.0  0.0  0:00.00 writeback
    18 root     25   5       0     0     0 S  0.0  0.0  0:00.00 ksm
    19 root     0  -20       0     0     0 S  0.0  0.0  0:00.00 crypto
    20 root     0  -20       0     0     0 S  0.0  0.0  0:00.00 kintegrity

MakeAGIF.com
```

FILESYSTEMS

- df
- du



TRANSFERRING FILES

- SCP
- pscp
- smbclient

```
amnesia@amnesia:~$ export RSYNC_RSH=ssh
amnesia@amnesia:~$ rsync -P ghost@216.66.
a/Persistent/YearZero_Download -av
ghost@216.66.          password:
Could not chdir to home directory /home/ghost
receiving incremental file list
astro_noise
          0%  171.55kB/s
```

STARTING AND STOPPING

- service
- systemctl
- kill
- reboot
- shutdown



WHERE TO GO FOR HELP

- man
- apropos
- Google
- Stack Exchange
- TLDP





HAPPY HACKING