







```
root@osboxes: /home/osboxes
root@osboxes:~# df
Every 2.0s: df osboxes: Fri Mar 6 09:03:21 2020
Filesystem      1K-blocks    Used Available Use% Mounted on
udev            473736         0    473736   0% /dev
tmpfs           100912        1048    99864   2% /run
/dev/sda2       242531772    2439780 227702412 2% /
tmpfs           504544         0    504544   0% /dev/shm
tmpfs           5120          0     5120   0% /run/lock
tmpfs           504544         0    504544   0% /sys/fs/cgroup
/dev/loop0      93568        93568         0 100% /snap/core/8689
/dev/loop1      90624        90624         0 100% /snap/core/7270

root@osboxes:~# free
Every 2.0s: free osboxes: Fri Mar 6 09:03:20 2020
              total        used        free      shared  buff/cache   available
Mem:      1009088        271636        95436         1024        642016        577800
Swap:      8388604         1292       8387312

osboxes@osboxes:~$ top
top - 09:03:20 up 18 min, 4 users, load average: 0.19, 0.19, 0.31
Tasks: 113 total, 1 running, 70 sleeping, 0 stopped, 0 zombie
%Cpu(s):  0.7 us, 1.0 sy,  0.0 ni, 98.3 id,  0.0 wa,  0.0 hi,  0.0 si,  0.0 st
KiB Mem : 1009088 total,  95436 free,  271636 used,  642016 buff/cache
KiB Swap: 8388604 total, 8387312 free,  1292 used. 577800 avail Mem

  PID USER      PR  NI   VIRT    RES    SHR S  %CPU  %MEM    TIME+  COMMAND
    32 root        20   0       0        0        0 I   0.3   0.0   0:03.12 kworker/0:1
   889 tomcat      20   0 2413240 165420 35212 S   0.3  16.4   0:19.19 java
  2147 osboxes     20   0 108172   3620   2520 S   0.3   0.4   0:01.25 sshd
  2160 osboxes     20   0  42760   3984   3320 R   0.3   0.4   0:01.81 top
     1 root        20   0  225300   8988   6668 S   0.0   0.9   0:03.01 systemd
     2 root        20   0        0         0        0 S   0.0   0.0   0:00.00 kthreadd
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X root@osboxes: /home/osboxes (ssh)

Every 2.0s: df

osboxes: Fri Mar 6 09:03:21 2020

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udev	473736	0	473736	0%	/dev
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/dev/sda2	242531772	2439780	227702412	2%	/
tmpfs	504544	0	504544	0%	/dev/shm
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```




The ZIP BOMB (4/ 4)

Perform a correct hardening of host and set conservative limits of files, CPU and memory that a processes can get

