

E2_UF1885_Besay

1. Análisis inicial del sistema y parámetros de rendimiento

	Filesystem	Size	Used	Avail	Use%	Mounted on
1	tmpfs	1.1G	1.3M	1.1G	1%	/run
2	/dev/sda2	98G	11G	83G	12%	/
4	tmpfs	5.4G	260K	5.4G	1%	/dev/shm
5	tmpfs	5.0M	0	5.0M	0%	/run/lock
6	tmpfs	1.1G	12K	1.1G	1%	/run/user/1000

	CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
2	1cad559a658d	odoo:18.0	"/entrypoint.sh odoo"	2 weeks ago	Up 3 hours (healthy)	0.0.0.0:8069->8069/tcp, [::]:8069->8069/tcp, 8071-8072/tcp	odoo-dev
3	c3dfc9228d82	postgres:16-alpine	"docker-entrypoint.s."	2 weeks ago	Up 3 hours (healthy)	0.0.0.0:5432->5432/tcp, [::]:5432->5432/tcp	postgres-dev

	total	used	free	shared	buff/cache	available	
2	Mem:	10Gi	1.0Gi	8.6Gi	45Mi	1.4Gi	9.76i
3	Swap:	2.0Gi	0B	2.0Gi			

```

1      top - 12:26:26 up  3:19,  3 users,  load average: 2.06, 2.35, 2.60
2      Tasks: 182 total,   1 running, 181 sleeping,   0 stopped,   0 zombie
3      %Cpu(s):  5.7 us, 20.0 sy,  0.0 ni, 71.4 id,  0.0 wa,  0.0 hi,  2.9 si,  0.0 st
4      MiB Mem : 10984.3 total,   8842.1 free,   1067.4 used,   1394.6 buff/cache
5      MiB Swap:  2048.0 total,   2048.0 free,     0.0 used.  9916.9 avail Mem
6
7      PID USER      PR  NI    VIRT    RES    SHR S %CPU %MEM TIME+ COMMAND
8      1032 root      20   0 2090060  65620  34432 S 15.8  0.6 103:22.87 contain+
9      1051 root      20   0 2654712 102968  63488 S 15.8  0.9 109:02.78 dockerd
10     95831 bor      20   0 13204   6400   4224 R 10.5  0.1  0:00.06 top
11     1 root       20   0 22372  13152   9312 S  0.0  0.1  0:08.62 systemd
12     2 root       20   0      0      0      0 S  0.0  0.0  0:00.16 kthreadd
13     3 root       20   0      0      0      0 S  0.0  0.0  0:00.00 pool_wq+
14     4 root      -20   0      0      0      0 I  0.0  0.0  0:00.00 kworker+
15     5 root      -20   0      0      0      0 I  0.0  0.0  0:00.00 kworker+
16     6 root      -20   0      0      0      0 I  0.0  0.0  0:00.00 kworker+
17     7 root      -20   0      0      0      0 I  0.0  0.0  0:00.00 kworker+
18     11 root      20   0      0      0      0 I  0.0  0.0  0:00.00 kworker+
19     12 root      20   0      0      0      0 I  0.0  0.0  0:00.00 kworker+
20     13 root      20   0      0      0      0 I  0.0  0.0  0:00.00 rcu_tas+
21     14 root      20   0      0      0      0 I  0.0  0.0  0:00.00 rcu_tas+
22     15 root      20   0      0      0      0 I  0.0  0.0  0:00.00 rcu_tas+
23     16 root      20   0      0      0      0 S  0.0  0.0  0:08.08 ksoftirq+
24     17 root      20   0      0      0      0 I  0.0  0.0  0:28.63 rcu_prep+
25     18 root      rt   0      0      0      0 S  0.0  0.0  0:00.52 migrati+
26     19 root     -51   0      0      0      0 S  0.0  0.0  0:00.00 idle_in+
27     20 root      20   0      0      0      0 S  0.0  0.0  0:00.00 cpuhp/0
28     21 root      20   0      0      0      0 S  0.0  0.0  0:00.00 cpuhp/1
29     22 root     -51   0      0      0      0 S  0.0  0.0  0:00.00 idle_in+
30     23 root      rt   0      0      0      0 S  0.0  0.0  0:02.21 migrati+
31     24 root      20   0      0      0      0 S  0.0  0.0  0:03.30 ksoftirq+
32     27 root      20   0      0      0      0 S  0.0  0.0  0:00.00 cpuhp/2
33     28 root     -51   0      0      0      0 S  0.0  0.0  0:00.00 idle_in+
34     29 root      rt   0      0      0      0 S  0.0  0.0  0:02.09 migrati+
35     30 root      20   0      0      0      0 S  0.0  0.0  0:10.19 ksoftirq+
36     33 root      20   0      0      0      0 S  0.0  0.0  0:00.00 cpuhp/3
37     34 root     -51   0      0      0      0 S  0.0  0.0  0:00.00 idle_in+
38     35 root      rt   0      0      0      0 S  0.0  0.0  0:02.49 migrati+
39     36 root      20   0      0      0      0 S  0.0  0.0  0:05.99 ksoftirq+
40     43 root      20   0      0      0      0 S  0.0  0.0  0:00.05 kdevtmpf+

```

```
Last login: Wed Feb  4 09:16:43 2026 from 192.168.1.112
bor@UbuntuServer:~$ sudo docker stats --no-stream > evidencias/3_incidencias/antes_stats.txt
-bash: evidencias/3_incidencias/antes_stats.txt: No such file or directory
bor@UbuntuServer:~$ cd E2_UF1885_Besay
bor@UbuntuServer:~/E2_UF1885_Besay$ sudo docker stats --no-stream > evidencias/3_incidencias/antes_stats.txt
-bash: evidencias/3_incidencias/antes_stats.txt: No such file or directory
bor@UbuntuServer:~/E2_UF1885_Besay$ sudo docker stats --no-stream > E2_UF1985_Besay/evidencias/3_incidencias/antes_stats.txt
-bash: E2_UF1985_Besay/evidencias/3_incidencias/antes_stats.txt: No such file or directory
bor@UbuntuServer:~/E2_UF1885_Besay$ pwd
/home/bor/E2_UF1885_Besay
bor@UbuntuServer:~/E2_UF1885_Besay$ ls
capturas evidencias README.md
bor@UbuntuServer:~/E2_UF1885_Besay$ sudo docker stats --no-stream > evidencias/03_incidencias/antes_stats.txt
[sudo] password for bor:
bor@UbuntuServer:~/E2_UF1885_Besay$ sudo docker exec -it postgres-dev-PPF bash
Error response from daemon: No such container: postgres-dev-PPF
bor@UbuntuServer:~/E2_UF1885_Besay$ sudo docker exec -it postgres-dev-PfF bash
Error response from daemon: No such container: postgres-dev-PfF
bor@UbuntuServer:~/E2_UF1885_Besay$ cat evidencias/03_incidencias/despues_stats.txt
cat: evidencias/03_incidencias/despues_stats.txt: No such file or directory
bor@UbuntuServer:~/E2_UF1885_Besay$ git remote add origin http://www.git@github.com:bor940/E2_UF1885_Besay.git
error: remote origin already exists.
bor@UbuntuServer:~/E2_UF1885_Besay$ |
```

```
bor@UbuntuServer:~/E2_UF1885_Besay$ cd E2_UF1885_Besay
-bash: cd: E2_UF1885_Besay: No such file or directory
bor@UbuntuServer:~/E2_UF1885_Besay$ cat evidencias/03_incidencias/despues_stats.txt
cat: evidencias/03_incidencias/despues_stats.txt: No such file or directory
bor@UbuntuServer:~/E2_UF1885_Besay$
```

```
bor@UbuntuServer:~/E2_UF1885_Besay$ pwd
/home/bor/E2_UF1885_Besay
bor@UbuntuServer:~/E2_UF1885_Besay$ git push
Enter passphrase for key '/home/bor/.ssh/id_ed25519':
Everything up-to-date
bor@UbuntuServer:~/E2_UF1885_Besay$ git pull
Enter passphrase for key '/home/bor/.ssh/id_ed25519':
Already up to date.
bor@UbuntuServer:~/E2_UF1885_Besay$ git add .
bor@UbuntuServer:~/E2_UF1885_Besay$ git commit -m "comando ss tulpen"
[main e139285] comando ss tulpen
 3 files changed, 29 insertions(+), 1 deletion(-)
  create mode 100644 evidencias/01_analisis/ss_tulpen.txt
  create mode 100644 evidencias/03_incidencias/antes_stats.txt
bor@UbuntuServer:~/E2_UF1885_Besay$ ss -tulpen > evidencias/01_analisis/ss_tulpen.txt
bor@UbuntuServer:~/E2_UF1885_Besay$ git commit -m "comando df -h"
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
    (use "git restore <file>..." to discard changes in working directory)
      modified:   evidencias/01_analisis/ss_tulpen.txt

no changes added to commit (use "git add" and/or "git commit -a")
```

2. Monitorización de procesos y detección de sobrecarga

```

bor@UbuntuServer:~/E2_UF1885_Besay$ ls
capturas evidencias README.md
bor@UbuntuServer:~/E2_UF1885_Besay$ cd evidencias
bor@UbuntuServer:~/E2_UF1885_Besay/evidencias$ ls
01_analisis 02_monitorizacion 03_incidencias 04_saturacion 05_documentacion
bor@UbuntuServer:~/E2_UF1885_Besay/evidencias$ cd 02_monitorizacion
bor@UbuntuServer:~/E2_UF1885_Besay/evidencias/02_monitorizacion$ ls
docker_stats.txt odoo_logs.txt ps_odoo.txt
bor@UbuntuServer:~/E2_UF1885_Besay/evidencias/02_monitorizacion$ cat odoo_logs.txt
bor@UbuntuServer:~/E2_UF1885_Besay/evidencias/02_monitorizacion$ sudo cat odoo_logs.txt
bor@UbuntuServer:~/E2_UF1885_Besay/evidencias/02_monitorizacion$ nano odoo_logs.txt
bor@UbuntuServer:~/E2_UF1885_Besay/evidencias/02_monitorizacion$ rm -rf odoo_logs.txt
bor@UbuntuServer:~/E2_UF1885_Besay/evidencias/02_monitorizacion$ ls
docker_stats.txt ps_odoo.txt
bor@UbuntuServer:~/E2_UF1885_Besay/evidencias/02_monitorizacion$ cd ..
bor@UbuntuServer:~/E2_UF1885_Besay/evidencias$ .
bor@UbuntuServer:~/E2_UF1885_Besay$ sudo docker logs --tail 200 odoo-dev > evidencias/02_monitorizacion/odoo_logs.txt

```

```

bor@UbuntuServer:~/E2_UF1885_Besay$ sudo docker logs --tail 200 odoo-dev > evidencias/02_monitorizacion/odoo_logs.txt 2>&1
bor@UbuntuServer:~/E2_UF1885_Besay$ sudo docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
1cad559a658d odoo:18.0 "/entrypoint.sh odoo" 3 weeks ago Up 3 hours (healthy) 0.0.0.0:8069->8069/tcp, [::]:8069->8069/tcp, 8071-8072/tcp odoo-dev
c3dfc9228d82 postgres:16-alpine "docker-entrypoint.s..." 3 weeks ago Up 3 hours (healthy) 0.0.0.0:5432->5432/tcp, [::]:5432->5432/tcp postgres-dev
bor@UbuntuServer:~/E2_UF1885_Besay$ sudo docker stop odoo-dev

```

3. Simulación de saturación del sistema

```

bor@UbuntuServer:~$ ls
E2_UF1885_Besay evidencias_el get-docker.sh log.txt odoo18 README.md script.sh.save snap test-docker.sh
bor@UbuntuServer:~$ cd E2_UF1885_Besay
bor@UbuntuServer:~/E2_UF1885_Besay$ free -h > evidencias/04_saturacion/free_h.txt

```

```

bor@UbuntuServer:~/E2_UF1885_Besay$ free -h > evidencias/04_saturacion/free_h_despues.txt
bor@UbuntuServer:~/E2_UF1885_Besay$ vmstat 1 5 > evidencias/04_saturacion/vmstat_1_5_despues.txt
bor@UbuntuServer:~/E2_UF1885_Besay$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
    (use "git restore <file>..." to discard changes in working directory)
      modified:   evidencias/01_analisis/ss_tulpen.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    evidencias/02_monitorizacion/
    evidencias/04_saturacion/

no changes added to commit (use "git add" and/or "git commit -a")
bor@UbuntuServer:~/E2_UF1885_Besay$ git add .
bor@UbuntuServer:~/E2_UF1885_Besay$ git commit -m "act monitorizacion & saturacion"
[act monitorizacion & saturacion]

```