

# Influxdb

## Tamaño de la base de datos

```
du -sh /var/lib/influxdb/data/<db name>
```

## Respaldo (backup) Ejemplo: Respaldo del año 2019

```
influxd backup -portable -database test -host localhost:8088 --start 2019-01-01T00:00:00Z --end 2020-01-01T00:00:00Z /tmp/mysnapshot2019
```

## Restaurar (restore) Ejemplo: Restaurar todo

```
influxd restore -portable path-to-backup
```

## Bakcup de un docker corriendo

para entrar al servidor donde está el container de influx es ssh roo@aq.unloquer.org pero debés tenés la clave pública de ssh subida a digitalocean

<https://www.grzegorowski.com/how-to-backup-and-restore-influxdb-which-runs-inside-docker-container>

## Backup una db

```
influx_inspect export -database aqa -compress -datadir "/var/lib/influxdb/data/" -waldir "/var/lib/influxdb/wal/" -out "aq-export-2020-04-03" 1) 2)
```

- Restore backup

Mover backup a dentro de un volumen visible en el container `mv aqa* iot/influxdb/`

Entrar a una consola dentro del container `docker exec -it influxdb /bin/bash`

Restaurar el backup dentro del container `influx -import -path=aqa-export-2020-04-03 -compressed`

## Cron backup a S3 aws

<https://github.com/jacobtomlinson/docker-influxdb-to-s3>

```
1.9G /var/lib/influxdb/data/aqa
```

Filesystem	Size	Used	Avail	Use%	Mounted on
udev	490M	0	490M	0%	/dev
tmpfs	100M	744K	99M	1%	/run
/dev/vda1	30G	13G	16G	46%	/
tmpfs	497M	0	497M	0%	/dev/shm

tmpfs	5.0M	0	5.0M	0%	/run/lock
tmpfs	497M	0	497M	0%	/sys/fs/cgroup
tmpfs	100K	0	100K	0%	/run/lxcfs/controllers
tmpfs	100M	0	100M	0%	/run/user/1000

Encontrar archivos grandes

```
find . -type f -size +50000k -exec ls -lh {} \; | awk '{ print $9 ": " $5 }'
```

Resultado de la consulta

```
du -a . 2>/dev/null | sort -n -r | head -n 30
```

```
10387004 .
9760468 ./aqa
9727660 ./aqa/autogen
244648 ./v80
211840 ./v80/autogen
203964 ./aqa/autogen/1071
203952 ./aqa/autogen/1071/000000130-000000002.tsm
196936 ./aqa/autogen/987
196924 ./aqa/autogen/987/000000130-000000003.tsm
194912 ./aqa/autogen/1188
194900 ./aqa/autogen/1188/000000130-000000002.tsm
194660 ./aqa/autogen/975
194648 ./aqa/autogen/975/000000130-000000003.tsm
193576 ./aqa/autogen/1047
193568 ./aqa/autogen/1047/000000130-000000003.tsm
190324 ./aqa/autogen/1175
190312 ./aqa/autogen/1175/000000129-000000002.tsm
186152 ./aqa/autogen/1035
186140 ./aqa/autogen/1035/000000130-000000002.tsm
183468 ./aqa/autogen/1084
183456 ./aqa/autogen/1084/000000129-000000002.tsm
180516 ./aqa/autogen/963
180508 ./aqa/autogen/963/000000015-000000002.tsm
179912 ./aqa/autogen/1201
179900 ./aqa/autogen/1201/000000129-000000002.tsm
179688 ./aqa/autogen/999
179680 ./aqa/autogen/999/000000129-000000002.tsm
178024 ./_internal
177424 ./aqa/autogen/1149
177412 ./aqa/autogen/1149/000000128-000000002.tsm
```

Son parte de las bases de datos, ¿si se borra uno se daña todo?

- Free space in docker → <https://lebkowski.name/docker-volumes/>
- Free space in docker logs → `truncate -s 0 /var/lib/docker/containers/*/*-json.log`

1)

<https://community.influxdata.com/t/migrate-influx-database-to-new-server/4298>

2)

[https://docs.influxdata.com/influxdb/v1.0/tools/influx\\_inspect/](https://docs.influxdata.com/influxdb/v1.0/tools/influx_inspect/)

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