# 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@aqa.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 "aqa-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

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```
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 }'
```

- 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/

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