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

```
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/

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Last update: **2021/04/14 21:39**