InfluxDB & Telegraf

- Installation & configuration d'InfluxDB

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Installation

Via le dépôt de l'éditeur

Solution qui permet d'être tout le temps à jour.

```
curl -sL https://repos.influxdata.com/influxdb.key | sudo apt-key add -
source /etc/os-release
echo "deb https://repos.influxdata.com/debian $(lsb_release -cs) stable" | sudo tee
/etc/apt/sources.list.d/influxdb.list
```

Installation

```
apt update && apt install influxdb
```

Lancer le service

```
service influxdb start
```

Via un packet

```
wget https://dl.influxdata.com/influxdb/releases/influxdb_1.8.0_amd64.deb
dpkg -i influxdb_1.8.0_amd64.deb
```

Le service n'est pas lancé, on le lance.

```
systemctl start influxdb.service
root@grafana:~# systemctl status influxdb.service
● influxdb.service - InfluxDB is an open-source, distributed, time series database
   Loaded: loaded (/lib/systemd/system/influxdb.service; enabled; vendor preset: enabled)
   Active: active (running) since Sun 2020-06-14 15:23:26 CEST; 4s ago
     Docs: https://docs.influxdata.com/influxdb/
```

```
 Main PID: 961 (influxd)
    Tasks: 10 (limit: 2330)
   Memory: 12.2M
   CGroup: /system.slice/influxdb.service
           └─961 /usr/bin/influxd -config /etc/influxdb/influxdb.conf

juin 14 15:23:27 grafana influxd[961]: ts=2020-06-14T13:23:27.127794Z lvl=info msg="Starting
precreation service" log_id
juin 14 15:23:27 grafana influxd[961]: ts=2020-06-14T13:23:27.127799Z lvl=info msg="Starting
snapshot service" log_id=0N
juin 14 15:23:27 grafana influxd[961]: ts=2020-06-14T13:23:27.127803Z lvl=info msg="Starting
continuous query service" l
juin 14 15:23:27 grafana influxd[961]: ts=2020-06-14T13:23:27.127808Z lvl=info msg="Starting
HTTP service" log_id=0NOkph
juin 14 15:23:27 grafana influxd[961]: ts=2020-06-14T13:23:27.127811Z lvl=info msg="opened
HTTP access log" log_id=0NOkp
juin 14 15:23:27 grafana influxd[961]: ts=2020-06-14T13:23:27.128230Z lvl=info msg="Listening
on HTTP" log_id=0NOkpheG00
juin 14 15:23:27 grafana influxd[961]: ts=2020-06-14T13:23:27.128352Z lvl=info msg="Starting
retention policy enforcemen
juin 14 15:23:27 grafana influxd[961]: ts=2020-06-14T13:23:27.128759Z lvl=info msg="Storing
statistics" log_id=0NOkpheG0
juin 14 15:23:27 grafana influxd[961]: ts=2020-06-14T13:23:27.128852Z lvl=info msg="Sending
usage statistics to usage.in
juin 14 15:23:27 grafana influxd[961]: ts=2020-06-14T13:23:27.129630Z lvl=info msg="Listening
for signals" log_id=0NOkph
```

Configuration

Création d'une base pour Telegraf

```
influx -execute "CREATE DATABASE influx_db_telegraf"
```

Création d'un utilisateur

```
influx -execute "CREATE USER telegraf_user WITH PASSWORD 'telegraf_password'"
influx -execute "GRANT ALL ON influx_db_telegraf TO telegraf_user"
```

Configuration de la rétention

```
influx -execute "CREATE RETENTION POLICY "a_year" ON "influx_db_telegraf" DURATION 52w
REPLICATION 1 DEFAULT"
```