**Server machine.**

Create admin user ‘test’ with password ‘test’

curl -i -XPOST http://localhost:8086/query --data-urlencode "q=CREATE USER test WITH PASSWORD 'test' WITH ALL PRIVILEGES"

This is influxdb details for sensu. Host will be server’s public IP and username ‘test’ and password ‘test’

vi /etc/sensu/conf.d/influx.json

{

"influxdb": {

"host" : "54.93.97.55",

"port" : "8086",

"username" : "test",

"password" : "test",

"database" : "sensu",

"status" : true

}

}

Create an handler so this handles writing metric to ‘sensu’ db. And for the influxdb handler below make sure to give server’s public IP and UDP port we opened before (8089)

vi /etc/sensu/conf.d/handlers.json

{

"handlers": {

"influx-tcp": {

"type": "pipe",

"command": "/opt/sensu/embedded/bin/metrics-influxdb.rb"

},

"influxdb\_udp": {

"type": "udp",

"socket": {

"host": "54.93.97.55",

"port": 8089

},

"mutator": "influxdb\_line\_protocol"

}}}

Clone some plugins from git.

git clone <https://github.com/sensu-plugins/sensu-plugins-influxdb.git>

copy line protocol mutator plugin to /etc/sensu/extensions/

cp sensu-plugins-influxdb/bin/mutator-influxdb-line-protocol.rb /etc/sensu/extensions/

and copy all the plugins to /opt/sensu/embedded/bin/

cp sensu-plugins-influxdb/bin/\* /opt/sensu/embedded/bin/

Now lets create a cpu load metrics that can write to influxdb.

**Client Machine.**

There will be a client.json file in /etc/sensu/conf.d/ on the client machine. Make sure to remember the subscriptions(in my case ‘**client1**’)

git clone <https://github.com/sensu-plugins/sensu-plugins-influxdb.git>

cp sensu-plugins-influxdb/bin/mutator-influxdb-line-protocol.rb /etc/sensu/extensions/

cp sensu-plugins-influxdb/bin/\* /opt/sensu/embedded/bin/

Install load plugins

/opt/sensu/embedded/bin/gem install sensu-plugins-load-checks

Create a check.

vi /etc/sensu/conf.d/metrics.json

{

"checks": {

"load\_metrics": {

"type": "metric",

"command": "/opt/sensu/embedded/lib/ruby/gems/2.3.0/gems/sensu-plugins-load-checks-1.0.0/bin/metrics-load.rb",

"subscribers": ["client1"],

"interval": 10,

"standalone": false,

"handlers": ["debug","influxdb\_udp"]

}

}

}

**Do the last two steps on server machine also.**

And install influxdb plugins.

/opt/sensu/embedded/bin/gem install influxdb