**Execute these commands on the Server Machine. Which will install sensu-server, redis, rabbitmq, sensu-client, sensu-api.**

**I’ll be including this file with this document you can execute it directly.**

**Sensu will be configured with user “sensu” and password “sensupasswd” and will be running in the ‘/sensu’ virtual host. You can change as needed.**

sudo yum update -y

sudo yum -y install wget

wget https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm

sudo rpm -Uvh epel-release-latest-7\*.rpm

sudo yum -y install gcc glibc-devel make ncurses-devel openssl-devel autoconf

sudo yum install -y erlang

wget https://www.rabbitmq.com/releases/rabbitmq-server/v3.6.5/rabbitmq-server-3.6.5-1.noarch.rpm

sudo rpm --import http://www.rabbitmq.com/rabbitmq-signing-key-public.asc

sudo yum -y install rabbitmq-server-3.6.5-1.noarch.rpm

sudo chown -R rabbitmq:rabbitmq /var/lib/rabbitmq/

sudo systemctl enable rabbitmq-server

sudo systemctl start rabbitmq-server

sudo rabbitmqctl add\_vhost /sensu

sudo rabbitmqctl add\_user sensu sensupasswd

sudo rabbitmqctl set\_user\_tags sensu administrator

sudo rabbitmqctl set\_permissions -p /sensu sensu ".\*" ".\*" ".\*"

sudo rabbitmq-plugins enable rabbitmq\_management

sudo systemctl restart rabbitmq-server

sudo yum install redis -y

sudo systemctl start redis

sudo echo '[sensu]

name=sensu

baseurl=http://sensu.global.ssl.fastly.net/yum/$basearch/

gpgcheck=0

enabled=1' | sudo tee /etc/yum.repos.d/sensu.repo

sudo yum install sensu -y

sudo yum install uchiwa -y

**Tell Rabbitmq that Sensu Server is running in the local machine (127.0.0.1) and on the port 5672 by creating its configuration file**

Vi /etc/sensu/conf.d/rabbitmq.json

{

"rabbitmq":{

"host":"127.0.0.1",

"port":5672,

"vhost":"/sensu",

"user":"sensu",

"password":"sensupasswd"

}

}

**Redis Configuration file as follow.**

Vi /etc/sensu/conf.d/redis.json

{

"redis":{

"host":"127.0.0.1",

"port":6379

}

}

**Sensu-api configuration File as Follow.**

Vi /etc/sensu/conf.d/api.json

{

"api":{

"host":"127.0.0.1",

"port":4567

}

}

**Uchiwa Configuration file. (Default port for Uchiwa is 3000, Since we need Grafana which uses 3000 as Default port, I’ll run Uchiwa on 3001 Port Number. You can change this as per your need) And you need to say Sensu is running locally and on port 4567. “SensuDemo” is the Datacenter Name.**

Vi /etc/sensu/uchiwa.json

{

"sensu": [

{

"name": "SensuDemo",

"host": "127.0.0.1",

"ssl":false,

"port": 4567,

"user":"",

"pass":"",

"path":"",

"timeout": 5000

}

],

"uchiwa": {

"user":"",

"pass":"",

"port": 3001,

"stats":10,

"refresh": 10

}

}

**Execute Following Commands to install required Libs, and Ruby Gem packages**

sudo systemctl start sensu-server && systemctl start sensu-api

sudo /etc/init.d/uchiwa start

sudo yum install -y git-core zlib zlib-devel gcc-c++ patch readline readline-devel libyaml-devel libffi-devel openssl-devel make bzip2 autoconf automake libtool bison curl sqlite-devel ruby ruby-devel

gem install sensu-plugin

gem install mixlib-cli

systemctl status sensu-server && systemctl status sensu-api

sudo /etc/init.d/uchiwa status

sudo systemctl restart sensu-server && systemctl restart sensu-api && systemctl restart uchiwa

At this point Server will be ready to accept its clients.