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Installing InfluxDB 1.x

Install InfluxDB

1. Influxdb.repo

```
cat <<EOF | sudo tee /etc/yum.repos.d/influxdb.repo
[influxdb]
name = InfluxDB Repository - RHEL \$releasever
baseurl = https://repos.influxdata.com/rhel/\$releasever/\$basearch/stable
enabled = 1
gpgcheck = 1
gpgkey = https://repos.influxdata.com/influxdb.key
EOF
```

2. Configure influxdb

```
vi /etc/influxdb/influxdb.conf
# uncomment the following linesUnder graphite section, uncomment following lines

enabled = true
bind-address = ":2003"
database = "graphite"
retention-policy = ""
protocol = "tcp"
batch-size = 5000
batch-pending = 10
batch-timeout = "1s"
consistency-level = "one"
separator = "."
udp-read-buffer = 0
```

3. Install & start

sudo yum install influxdb sudo systemctl start influxdb

To Check status of influxDB: sudo systemctl status influxdb

Verify InfluxDB

1. Edit graphana.conf

[grafana] name=grafana baseurl=https://packagecloud.io/grafana/stable/el/7/<mark>\$basearch</mark> repo_gpgcheck=1 enabled=1 gpgcheck=1 gpgkey=https://packagecloud.io/gpg.key https://grafanarel.s3.amazonaws.com/RPM-GPG-KEY-grafana sslverify=1 sslcacert=/etc/pki/tls /certs/ca-bundle.crt

2. Create repo file for yum update

[grafana]
name=grafana
baseurl=https://packages.grafana.com/oss/rpm-beta
repo gpgcheck=1
enabled=1
gpgcheck=1
gpgkey=https://packages.grafana.com/gpg.key
sslverify=1
sslcacert=/etc/pki/tls/certs/ca-bundle.crt

2. Install grafana

sudo yum install grafana service grafana-server start systemctl daemon-reload grafana-server systemctl start grafana-server systemctl status grafana-server

sudo systemctl enable grafana-server.service

3. Configure graphana

vi /etc/grafana/grafana.ini

[server]

domain = oc-grafana.trimbletts.com

CollectD

Install

yum -y install epel-release

yum -y install collectd

For Grafana upgrade

- 1. sudo yum update grafana
- 2. sudo service grafana-server restart
- grafana-cli --version
 Grafana cli version 6.0.0

Email configuration

1. Edit the config file

cd /etc/grafana vi grafana.ini

2. Edit config file

```
[smtp]
enabled = <smtp-status>
host = <smtp-host>:<port>
user = <username>
# If the password contains # or ; you have to wrap it with trippel quotes. Ex """#password;"""
password = <password>
;cert_file =
;key file =
;skip_verify = false
from_address = <from-address>
;from name = Grafana
# EHLO identity in SMTP dialog (defaults to instance_name)
;ehlo_identity = dashboard.example.com
[emails]
```

;welcome_email_on_sign_up = false

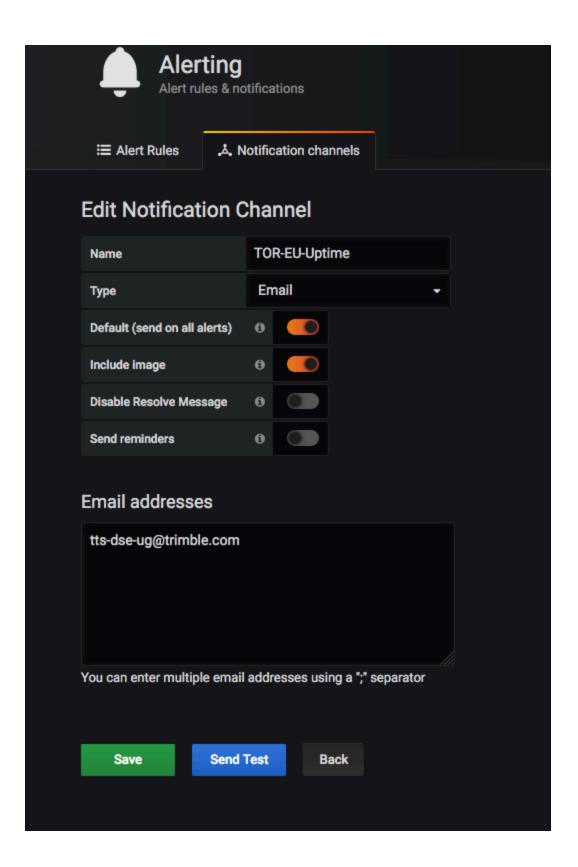
3. Restart grafana service

sudo service grafana-server restart

4. Check for logs

cd /var/log/grafana/ tail -100f grafana.log

5. Create a notification channel



Verified date: 18-08-2023 Docker based setup:

- 1. Influx db 2.x is Open source
 - a. Image name influxdb:2.0.9
 - b. Expose port 8086, 2003
 - c. Add graphite env INFLUXDB_GRAPHITE_ENABLED true
- 2. Grafana open source
 - a. lmage name grafana/grafana-oss
 - b. Expose port 3000, 2003
 - c. Initial username/password is "admin"

References

- 1. https://docs.influxdata.com/influxdb/v1.5/introduction/installation/
- 2. http://docs.grafana.org/installation/rpm/
- 3. https://docs.influxdata.com/influxdb/v1.8/administration/authentication and authorization /#admin-users
- 4.