carbon, graphite and grafana

carbon

install carbon-cache service

```
apt-get install graphite-carbon
```

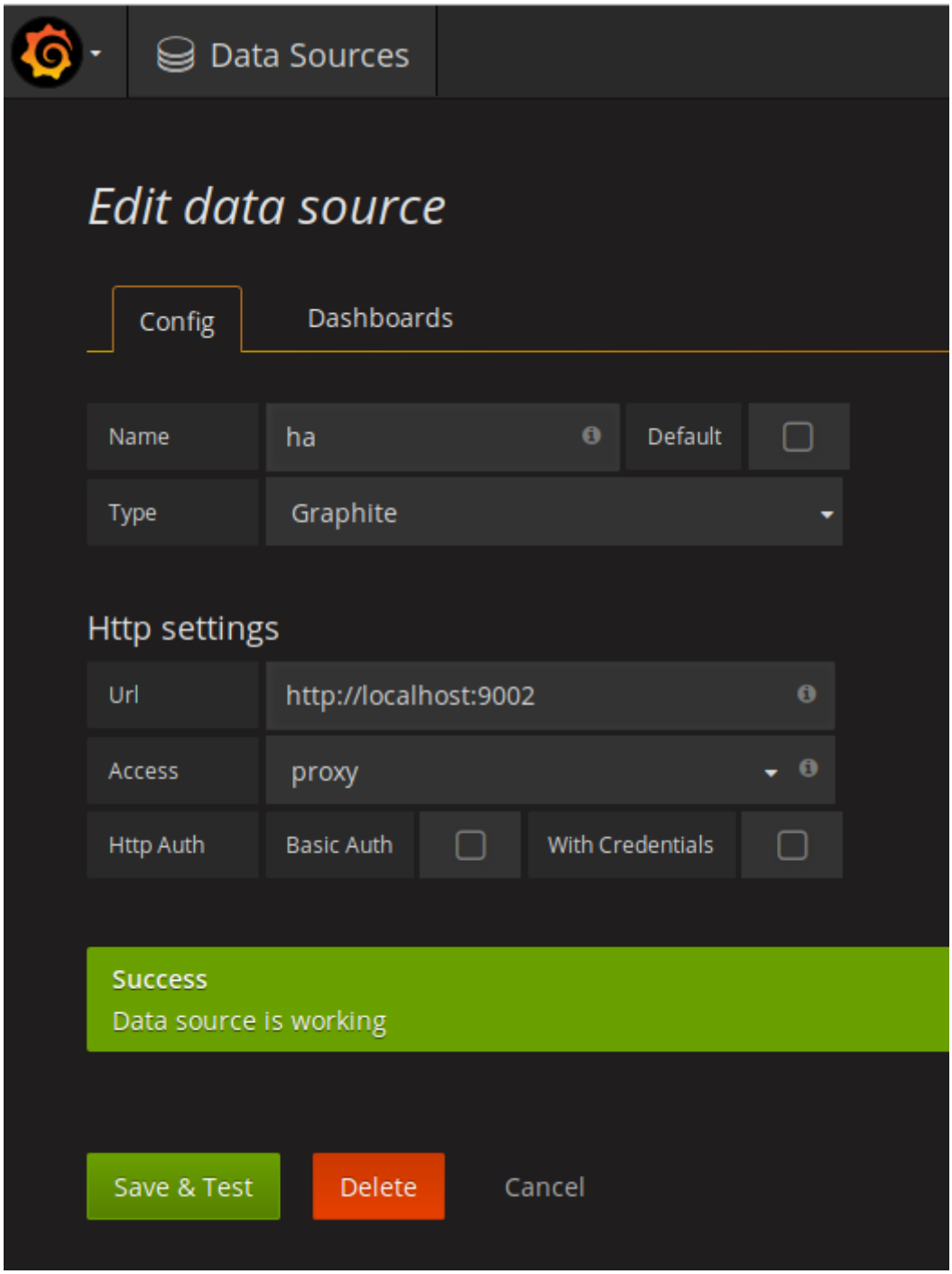
extend retentions

/etc/carbon/storage-schemas.conf

```
[carbon]
pattern = ^carbon\.
retentions = 60:90d

[default]
pattern = .*
retentions = 30s:7d,5m:30d,10m:1y,1d:10y
```

after changing *schemas.conf older *wsp has to be changed with whisper-resize <code bash> for i in `find /var/lib/graphite/whisper/ha/ -name "*wsp"`; do whisper-resize $i 30s:7d 5m:30d 10m:1y 1d:10y done </code> ===== graphite-web ===== web interface <code bash> apt-get install graphite-web # choose user and password python /usr/lib/python2.7/dist-packages/graphite/manage.py syncdb </code> adjust user and password and SECRETKEY (with random string) in /etc/graphite/local_settings.py ==== nginx ==== <code bash> apt install uwsgi uwsgi-plugin-python </code> <file ini /etc/uwsgi/apps-enabled/graphite.ini> [uwsgi] vacuum = true master = true processes = 2 pidfile = /tmp/uwsgi.pid socket = /tmp/uwsgi.sock chmod-socket = 666 gid = _graphite uid = _graphite chdir = /usr/share/graphite-web wsgi-file = graphite.wsgi pymodule-alias = graphite.localsettings=/etc/graphite/local_settings.py buffer-size = 65536 plugin = python </file> <code bash> systemctl restart uwsgi </code> <file txt /etc/nginx/sites-enabled/graphite> upstream graphite { server unix:/tmp/uwsgi.sock; } server { listen 9002; server_name localhost; accesslog /var/log/nginx/graphite-access.log; errorlog /var/log/nginx/graphite-error.log; root /usr/share/graphite-web/static; location / { addheader Access-Control-Allow-Origin “*”; addheader Access-Control-Allow-Methods “GET, OPTIONS”; add_header Access-Control-Allow-Headers “origin, authorization, accept”; uwsgipass graphite; include /etc/nginx/uwsgiparams; } location /media { # This makes static media available at the /media/ url. The # media will continue to be available during site downtime, # allowing you to use styles and images in your maintenance page. alias /usr/lib/python2.7/dist-packages/django/contrib/admin/media; } } </file> ===== grafana ===== ==== install ==== <code bash> echo “deb https://packagecloud.io/grafana/stable/debian/ jessie main” > /etc/apt/sources.list.d/grafana.list curl https://packagecloud.io/gpg.key | sudo apt-key add - apt update apt install -y grafana systemctl enable grafana-server systemctl start grafana-server </code> Login to http://localhost:3000 (admin/admin) add datasource



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