

carbon, graphite and grafana

carbon

install carbon-cache service

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

graphite-web

web interface

```
apt-get install graphite-web
```

```
# choose user and password  
python /usr/lib/python2.7/dist-packages/graphite/manage.py syncdb
```

adjust user and password and SECRETKEY (with random string) in /etc/graphite/local_settings.py
==== nginx ==== `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>`

```
systemctl restart uwsgi
```

</etc/nginx/sites-enabled/graphite>

```
upstream graphite {  
    server unix:///tmp/uwsgi.sock;  
}  
  
server {  
    listen 9002;  
    server_name localhost;  
  
    access_log /var/log/nginx/graphite-access.log;  
    error_log /var/log/nginx/graphite-error.log;  
  
    root /usr/share/graphite-web/static;  
  
    location / {  
        add_header Access-Control-Allow-Origin "*";  
        add_header Access-Control-Allow-Methods "GET, OPTIONS";  
        add_header Access-Control-Allow-Headers "origin, authorization,
```

```
accept";

    uwsgi_pass graphite;
    include /etc/nginx/uwsgi_params;
}

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;
}
}
```

grafana

install grafana from TODO. Start grafana-server service and login to <http://localhost:3000>
(admin/admin)

[add datasource](#)

The screenshot shows the Grafana 'Edit data source' configuration page. At the top, there is a navigation bar with the Grafana logo and 'Data Sources'. The main heading is 'Edit data source'. Below this, there are two tabs: 'Config' (which is active) and 'Dashboards'. The configuration section includes a 'Name' field with the value 'ha', a 'Default' checkbox, and a 'Type' dropdown menu set to 'Graphite'. Under the 'Http settings' section, there is a 'Url' field with 'http://localhost:9002', an 'Access' dropdown set to 'proxy', and 'Http Auth' options for 'Basic Auth' and 'With Credentials', both with unchecked checkboxes. A green success message banner reads 'Success Data source is working'. At the bottom, there are three buttons: 'Save & Test' (green), 'Delete' (orange), and 'Cancel' (grey).

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