

FreeBSD Administration - Support #763

Install Mailgraph on FreeBSD

03/01/2016 11:03 AM - Daniel Curtis

Status:	Closed	Start date:	03/01/2016
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Mail Server	Estimated time:	1.00 hour
Target version:	FreeBSD 9	Spent time:	1.50 hour

Description

This is a guide on setting up Mailgraph on FreeBSD 9.

Prepare the Environment

- Make sure the system is up date:

```
pkg update && pkg upgrade
```

- Edit permissions of mail log so Mailgraph can read it:

```
chmod 0644 /var/log/maillog
```

Install Mailgraph

- Install mailgraph:

```
pkg install mailgraph
```

- Start and enable mailgraph at boot:

```
echo 'mailgraph_enable="YES"' >> /etc/rc.conf  
service mailgraph start
```

Install Nginx

- Install nginx and fcgiwrap:

```
pkg install nginx fcgiwrap
```

- Start and enable fcgiwrap at boot:

```
echo 'fcgiwrap_enable="YES"' >> /etc/rc.conf  
echo 'fcgiwrap_profiles="main"' >> /etc/rc.conf  
echo 'fcgiwrap_main_socket="unix:/tmp/fcgiwrap.sock"' >> /etc/rc.conf  
echo 'fcgiwrap_main_user="www"' >> /etc/rc.conf  
service fcgiwrap start
```

Mailgraph Website

- Create a directory for the web application:

```
mkdir -p /usr/local/www/mailgraph.example.com
```

- And copy the mailgraph files to the mailgraph web folder:

```
cp /usr/local/www/cgi-bin/mailgraph.cgi /usr/local/www/mailgraph.example.com/  
cp -r /usr/local/www/data/mailgraph /usr/local/www/mailgraph.example.com/
```

- Add a **mailgraph.example.com** server block:

```
vi /usr/local/etc/nginx/conf.d/mailgraph.example.com.conf
```

- Add the following:

```
upstream fcgiwrap {  
    server unix:/tmp/fcgiwrap.sock;  
}  
  
server {  
    listen      80;  
    server_name cgi-app.example.com;  
    root        /usr/local/www/mailgraph.example.com;  
    access_log  /var/log/mailgraph.example.com-access.log;  
    error_log   /var/log/mailgraph.example.com-error.log;  
  
    location / {  
        index mailgraph.cgi;  
        try_files $uri $uri/ =404;  
    }  
  
    location ~ /\.cgi$ {  
        include /usr/local/etc/nginx/fastcgi_params;  
        fastcgi_index mailgraph.cgi;  
        fastcgi_pass fcgiwrap;  
        fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;  
    }  
}
```

- Change the ownership of the mailgraph website to the web server user:

```
chown -R www:www /usr/local/www/mailgraph.example.com
```

- Restart nginx:

```
service nginx restart
```

Resources

- <https://github.com/schweikert/mailgraph>
- <https://blog.srvbox.com/mailgraph-statistics-for-postfix-running-on-nginx/>
- http://www.purplehat.org/?page_id=19

History

#1 - 03/01/2016 11:46 AM - Daniel Curtis

- *Description updated*

- *Status changed from New to In Progress*

- *% Done changed from 0 to 30*

#2 - 03/01/2016 01:09 PM - Daniel Curtis

- *Description updated*

#3 - 03/01/2016 02:54 PM - Daniel Curtis

- *Description updated*

#4 - 03/01/2016 02:55 PM - Daniel Curtis

- *Description updated*

- *Status changed from In Progress to Resolved*

- *% Done changed from 30 to 100*

#5 - 03/12/2016 02:14 PM - Daniel Curtis

- *Status changed from Resolved to Closed*