

FreeBSD Administration - Feature #673

Display Real IP Address To Nginx Backend

10/09/2015 01:30 PM - Daniel Curtis

Status:	Closed	Start date:	10/09/2015
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Web Server	Estimated time:	0.50 hour
Target version:	FreeBSD 9	Spent time:	1.00 hour

Description

I use nginx as both a reverse proxy and a web server, each their own server. While examining the log files I found that incoming requests to the backend web server were showing that they were coming from the proxy servers IP address and not from the actual clients IP address.

Proxy Server Frontend

- To start edit the proxy config:

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

- And add the following to the server block:

```
proxy_set_header    Host            $host;
proxy_set_header    X-Real-IP       $remote_addr;
proxy_set_header    X-Forwarded-For $proxy_add_x_forwarded_for;
```

- Then restart nginx:

```
service nginx restart
```

Web Server Backend

- Recompile nginx with the real IP module:

```
cd /usr/ports/www/nginx
make config
make reinstall clean
```

- Make sure to enable **[X]REALIP** when configuring nginx

- On the web server backend, edit the server config:

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

- And add the following to the server block:

```
set_real_ip_from 192.168.100.55; #Upstream proxy server address
real_ip_header   X-Forwarded-For;
```

Resources

- <http://blog.serverbeep.com/2012/08/real-ip-nginx-reverse-proxy/>
- http://nginx.org/en/docs/http/nginx_http_realip_module.html

History

#1 - 10/09/2015 01:32 PM - Daniel Curtis

- Status changed from *New* to *Resolved*

- % Done changed from 0 to 100

#2 - 11/27/2015 03:56 PM - Daniel Curtis

- Status changed from *Resolved* to *Closed*