**Nginx**

Nginx is a high performance web server software. It is a much more flexible and lightweight program than Apache HTTP Server.

When NGINX proxies a request, it sends the request to a specified proxied server, fetches the response, and sends it back to the client. It is possible to proxy requests to an HTTP server (another NGINX server or any other server) or a non-HTTP server (which can run an application developed with a specific framework, such as PHP or Python) using a specified protocol. Supported protocols include [FastCGI](http://nginx.org/en/docs/http/ngx_http_fastcgi_module.html), [uwsgi](http://nginx.org/en/docs/http/ngx_http_uwsgi_module.html), [SCGI](http://nginx.org/en/docs/http/ngx_http_scgi_module.html), and [memcached](http://nginx.org/en/docs/http/ngx_http_memcached_module.html).

[ Add epel repo ]

# yum install epel-release

[ Install Nginx ]

# yum install nginx

[ Start Nginx service ]

Nginx does not start on its own. To get Nginx running, type:

# systemctl start nginx

[ Allow the service in firewall ]

# firewall-cmd --permanent --zone=public --add-service=http

# firewall-cmd --permanent --zone=public --add-service=https

[ Reload firewall ]

# firewall-cmd --reload

[ Enable the service during server boot ]

# systemctl enable nginx

Now, open browser and try to open NGINX default page using url http://<Server IP address>

[ Customize the NGINX port no ]

Go to NGINX configuration file and customize the port number

# vi /etc/nginx/nginx.conf

Set numbers for the file (:set number) in the command mode

Edit the 39th line

[..]

39 listen <customize port number> default\_server;

Now, try to open NGINX default webpage using url

http://<Server IP address>:<Customize port number>

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