**Setup NGINX Web Server with PHP-FPM**

**For NGINX Installation:**

apt-cache search nginx | grep nginx

apt install nginx-extras (for nginx extended version installation)

nginx -v

systemctl enable nginx

systemctl start/ stop/ status nginx

**For PHP Installation:**

apt install software-properties-common

add-apt-repository ppa:ondrej/php

apt-get update

apt install php7.4

php -v

apt-get install php7.4-mysql php7.4-zip php7.4-gd php7.4-mbstring php7.4-curl php7.4-xml php7.4-bcmath php7.4-fpm

php -m

**The NGINX version, OS version and PHP version is not publicly visible when browsing the web server via curl command e.g. curl http://localhost/ or curl http://IP\_ADDRESS\_OF\_YOUR\_VM.**

First we check the headers for such info via command below:

curl -v <http://localhost/> OR curl -IsL <http://localhost/> | grep -i server

Found OS and Nginx version in header info. So we open the file and edit below:

vi /etc/nginx/nginx.conf

un-comment line or add if not there

server\_tokens off;

save config file and restart nginx service

In addition to remove Server block add below line in nginx.conf file and restart service:

more\_clear\_headers Server;

**The NGINX web server should be able to serve PHP info page.**

Create a index.php file at document root and add lines below:

<?php

phpinfo();

?>

Now we can see the info page at http://ip\_address

**Helpful links:**

<https://kodemonk.dev/blog/setting-custom-sever-header-in-nginx>

<https://www.digitalocean.com/community/tutorials/how-to-install-php-7-4-and-set-up-a-local-development-environment-on-ubuntu-20-04>