**Nginx Installation**

sudo yum install -y php70-mysqlnd php70-gd php70 php70-xml php70-mcrypt php70-mbstring php70-cli mysql56 mysql56-server

yum install nginx –y

sudo yum install php70-fpm –y

chkconfig nginx on

chkconfig php-fpm on

service nginx start

service php-fpm start

edit configuration file >> /etc/nginx/nginx.conf

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# For more information on configuration, see:

# \* Official English Documentation: http://nginx.org/en/docs/

# \* Official Russian Documentation: http://nginx.org/ru/docs/

user nginx;

worker\_processes auto;

error\_log /var/log/nginx/error.log;

pid /var/run/nginx.pid;

events {

worker\_connections 1024;

}

http {

log\_format main '$remote\_addr - $remote\_user [$time\_local] "$request" '

'$status $body\_bytes\_sent "$http\_referer" '

'"$http\_user\_agent" "$http\_x\_forwarded\_for"';

access\_log /var/log/nginx/access.log main;

client\_max\_body\_size 50M; # allows file uploads up to 500 megabytes

fastcgi\_buffers 8 16k;

fastcgi\_buffer\_size 32k;

sendfile on;

tcp\_nopush on;

tcp\_nodelay on;

keepalive\_timeout 65;

types\_hash\_max\_size 2048;

include /etc/nginx/mime.types;

default\_type application/octet-stream;

# Load modular configuration files from the /etc/nginx/conf.d directory.

# See http://nginx.org/en/docs/ngx\_core\_module.html#include

# for more information.

include /etc/nginx/conf.d/\*.conf;

index index.html index.htm index.php;

map $sent\_http\_content\_type $expires {

default off;

text/html epoch;

text/css 365d;

application/javascript 365d;

~image/ 365d;

text/plain 365d;

# text/css 365d;

application/json 365d;

application/x-javascript 365d;

text/xml 365d;

application/xml 365d;

application/xml+rss 365d;

text/javascript 365d;

application/vnd.ms-fontobject 365d;

application/x-font-ttf 365d;

font/opentype 365d;

image/svg+xml 365d;

image/x-icon 365d;

}

fastcgi\_cache\_path /etc/nginx/cache levels=1:2 keys\_zone=MYAPP:100m inactive=60m;

fastcgi\_cache\_key "$scheme$request\_method$host$request\_uri";

add\_header X-Cache $upstream\_cache\_status;

#Port 80: HTTP

server {

listen 80;

server\_name **Server\_IP**;

charset UTF-8;

root **Web\_site\_path**; #(/usr/share/nginx/html)

index index.php index.html;

# auth\_basic "Administrator Login";

# auth\_basic\_user\_file /home/ec2-user/.htpasswd;

# auth\_basic\_user\_file /var/www/html/public/.htpasswd;

expires $expires;

location ~\* \.(js|css|png|jpg|jpeg|gif|ico)$ {

expires 1y;

log\_not\_found off;

}

location / {

#try\_files $uri $uri/ /index.php?$query\_string;

index index.php index.html index.htm;

try\_files $uri $uri/ /index.php?$args;

if ($request\_uri ~\* ".(ico|css|js|gif|jpe?g|png)$") {

expires 30d;

#log\_not\_found off;

access\_log off;

add\_header Pragma public;

add\_header Cache-Control "public";

break;

}

}

########For phpMyAdmin ########

location / **php\_path** { # (mukeshpma)

alias /usr/share/phpMyAdmin/;

index index.html index.htm index.php;

location ~ ^/ **php\_path** (.+\.php)$ {

alias /usr/share/phpMyAdmin$1;

fastcgi\_pass 127.0.0.1:9000;

fastcgi\_param SCRIPT\_FILENAME /usr/share/phpMyAdmin$1;

include fastcgi\_params;

fastcgi\_intercept\_errors on;

}

# location ~\* ^/ **php\_path** /(.+\.(jpg|jpeg|gif|css|png|js|ico|html|xml|txt))$ {

# root /usr/share/phpMyAdmin/;

# }

##############################

location /html/ {

try\_files $uri $uri/ /html/index.php?$args;

}

# location /media-relations {

# try\_files $uri $uri/ @wordpress;

# }

# location @wordpress {

# rewrite /media-relations/ /media-relations/index.php;

# }

}

location ~ \.php$ {

root / **Web\_site\_path** / ; #/usr/share/nginx/html)

try\_files $uri =404;

# fastcgi\_split\_path\_info ^(.+\.php)(/.+) $;

fastcgi\_pass 127.0.0.1:9000;

fastcgi\_index index.php;

fastcgi\_param SCRIPT\_FILENAME $document\_root$fastcgi\_script\_name;

fastcgi\_param SCRIPT\_FILENAME /usr/share/nginx/html$fastcgi\_script\_name;

fastcgi\_param PATH\_TRANSLATED $document\_root$fastcgi\_script\_name;

include fastcgi\_params;

fastcgi\_read\_timeout 300;

}

# access\_log /var/log/nginx/access.log;

#error\_log /var/log/nginx/error.log;

}

}

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**Steps for authentication on browser:**

>> htpasswd -c /etc/nginx/.htpasswd User\_Name

>> cat /etc/nginx/.htpasswd

Add entry in /etc/nginx/nginx.conf

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server {

listen 80 default\_server;

listen [::]:80 default\_server;

server\_name \_;

root /usr/share/nginx/html;

**auth\_basic "Administrator Login";**

**auth\_basic\_user\_file /etc/nginx/.htpasswd;**

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