LEMP STACK + WORDPRESS

1/ Cài đặt các gói cần thiết

yum install epel-release nano wget -y

rpm -Uvh http://rpms.famillecollet.com/enterprise/remi-release-7.rpm

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2/ Cấu hình 2 file nginx.repo & mariadb.repo để tải nginx & mairadb, sửa file cấu hình remi.repo

Tạo file nginx.repo

nano /etc/yum.repos.d/nginx.repo

[nginx]

name=nginx repo

baseurl=http://nginx.org/packages/centos/$releasever/$basearch/

gpgcheck=0

enabled=1

Tạo file mariadb.repo

nano /etc/yum.repos.d/mariadb.repo

[mariadb]

name = MariaDB

baseurl = http://yum.mariadb.org/10.1/centos7-amd64

gpgkey=https://yum.mariadb.org/RPM-GPG-KEY-MariaDB

gpgcheck=1

enabled=1

sửa file remi.repo

nano /etc/yum.repos.d/remi.repo

yum --enablerepo=remi install nginx MariaDB-client MariaDB-server php php-common php-fpm php-mysql php-pgsql php-pecl-mongo php-sqlite php-pecl-memcache php-pecl-memcached php-gd php-mbstring php-mcrypt php-xml php-pecl-apc php-cli php-pear php-pdo -y

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3/ Tắt selinux & reboot máy

nano /etc/selinux/config --> reboot

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4/ Sửa cấu hình file /etc/php-fpm.d/www.conf từ apache -> nginx

nano /etc/php-fpm.d/www.conf

apache -> nginx

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5/ Tạo cấu hình file abc.conf trong /etc/nginx/conf.d

nano /etc/nginx/conf.d/abc.conf

######################### cấu hình nginx #################################

server { ( hệ thống tự sinh ra để trả về ssl https)

if ($host = quanla.paradiseio.com) {

return 301 https://$host$request\_uri;

} # managed by Certbot

listen 80;

server\_name web; (tên web)

#return 301 <https://$server_name$request_uri>; ( trả về ssl) dùng 1trong 2

#rewrite ^ https://$server\_name$request\_uri? permanent; (trả về ssl) dùng 1 trong 2

access\_log /var/log/nginx/access.log; (ghi log truy cập)

error\_log /var/log/nginx/error.log; (tên log lỗi)

root /usr/share/nginx/wordpress; (chỗ đặt file index)

index index.php index.html;

location ~\* \.php$ { (lấy file đuôi php từ chỗ đặt file và biên dịch)

fastcgi\_index index.php;

fastcgi\_pass 127.0.0.1:9000;

include fastcgi\_params;

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

fastcgi\_param SCRIPT\_NAME $fastcgi\_script\_name;

}

}

########################## Tạo URI download file #############################

location /sslresult { (thêm location đằng sau tên domain)

autoindex on; (ko search file index )

types {} (cho phép download thay vì hiện thị nội dung ra chrome)

}

########################## chuyển http > https #############################

server {

listen 443 ssl;

server\_name web;

#return 301 <https://$server_name$request_uri>; ( trả về ssl)

root /usr/share/nginx/wordpress;

index index.php index.html;

location ~\* \.php$ {

fastcgi\_index index.php;

fastcgi\_pass 127.0.0.1:9000;

include fastcgi\_params;

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

fastcgi\_param SCRIPT\_NAME $fastcgi\_script\_name;

}

########################## tạo ssl cho domain#############################

ssl\_certificate /etc/letsencrypt/live/quanla.paradiseio.com/fullchain.pem; # managed by Certbot

ssl\_certificate\_key /etc/letsencrypt/live/quanla.paradiseio.com/privkey.pem; # managed by Certbot

}

ssl\_protocols TLSv1 TLSv1.1 TLSv1.2;

ssl\_prefer\_server\_ciphers on;

ssl\_ciphers ECDHE+RSAGCM:ECDH+AESGCM:DH+AESGCM:ECDH+AES256:DH+AES256:ECDH+AES128:DH+AES:!aNULL!eNull:!EXPORT:!DES:!3DES:!MD5:!DSS;

ssl\_certificate /usr/share/nginx/wordpress/server\_name.crt;

ssl\_certificate\_key /usr/share/nginx/wordpress/server\_name.key;

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6/ Tải file wordpress, copy & chỉnh sửa wp-config.php

Tải file wordpress

cd /usr/share/nginx/

wget http://wordpress.org/latest.tar.gz

tar -xvzf latest.tar.gz -C /usr/share/nginx

copy & chỉnh sửa wp-config.php

cd /wordpress

cp wp-config-sample.php wp-config.php

nano wp-config.php

define('DB\_NAME', 'tên database');

define('DB\_USER', 'tên user');

define('DB\_PASSWORD', 'pass');

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7/ Cài đặt mysql & tạo database, user

Cài đặt mysql

mysql\_secure\_installation

tạo database, user

mysql -u root -p

CREATE USER name IDENTIFIED BY "your\_password\_here";

create database data;

GRANT ALL ON data.\* TO name IDENTIFIED BY "your\_password\_here";

FLUSH PRIVILEGES;

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8/ Tắt apache & restart các dịch vụ mairadb, nginx, php-fpm

service httpd stop

service nginx restart

service mariadb restart

service php-fpm restart