

basic config php system

```
## ssh
```

```
ssh -l root 159.223.43.172
```

```
sudo dnf update -y
```

```
## php
```

```
dnf install https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm
```

```
rpm -qa | grep epel
```

```
dnf install https://rpms.remirepo.net/enterprise/remi-release-8.rpm
```

```
rpm -qa | grep remi
```

```
dnf module list php
```

```
dnf module enable php:remi-7.4
```

```
dnf install php php-fpm php-opcache php-gd php-curl php-mysqlnd php-mbstring php-dom zip  
unzip php-zip php-json php-pdo php-pdo_mysql
```

```
## mysql
```

```
dnf install mysql-server
```

```
systemctl start mysqld | mysqld.service
```

```
systemctl status mysqld
```

```
systemctl enable mysqld
```

```
mysql -u root -p
```

```
mysql_secure_installation // jika mahu ke live, maka run ini untuk pastikan setting mysql adalah betul
```

```
ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY 'password'; // jika php adalah php >7.3 + mysql 8
```

```
QvsfjYR@9pJs@T8oMCy23fwYyQ-.snmviq_!*24p.JC7YERFUsfx_.mQaN.tjGnM
```

```
## nginx
```

```
dnf install nginx
```

```
mv /etc/nginx/default.d/php.conf /etc/nginx/default.d/php.conf.disabled
```

```
vi /etc/nginx/conf.d/ekjp.conf
```

```
~~~
```

```
server {
```



```
'756890a4488ce9024fc62c56153228907f1545c228516cbf63f885e036d37e9a59d27d63f46af1d4d0
7ee0f76181c7d3') { echo 'Installer verified'; } else { echo 'Installer corrupt'; unlink('composer-
setup.php'); } echo PHP_EOL;"
php composer-setup.php
php -r "unlink('composer-setup.php');"
mv composer.phar /usr/local/bin/composer
composer
```

```
## firewall
```

```
dnf install firewalld
systemctl enable firewalld
systemctl start firewalld
firewall-cmd --zone=public --permanent --add-service=http
firewall-cmd --zone=public --permanent --add-service=https
firewall-cmd --reload
firewall-cmd --permanent --list-all
```

```
## setting
```

```
cd /var/www/html
git clone https://gitlab.com/tmukmkd/jtm-ekjp-laravel-training.git ekjp
cd ekjp
composer update
```

```
vi /etc/php-fpm.d/www.conf
tukar apache kepada nginx
-- tukar nobody kepada nginx
```

```
update .env
```

```
chown -R nginx:nginx /var/www/html/sago-beta/storage/
chown -R nginx:nginx /var/www/html/sago-beta/bootstrap/cache/
chmod -R 0777 /var/www/html/sago-beta/storage/
chmod -R 0775 /var/www/html/sago-beta/bootstrap/cache/
```

```
semanage fcontext -a -t httpd_sys_rw_content_t '/var/www/html/sago-beta/storage(/.*)?'
semanage fcontext -a -t httpd_sys_rw_content_t '/var/www/html/sago-beta/bootstrap/cache(/.*)?'
restorecon -Rv '/var/www/html/sago-beta'
```

```
mv /etc/nginx/default.d/php.conf /etc/nginx/default.d/php.conf.disabled
```

```
systemctl restart php-fpm
systemctl restart nginx
```

```
## selinux
```

```
sudo setsebool -P httpd_can_network_connect_db=1
```

setenforce 0

letsencrypt

dnf install epel-release

dnf install certbot python3-certbot-nginx

certbot --nginx -d some.domain.name

add user to group

usermod -a -G group_name user_name

Revision #1

Created 12 May 2025 09:15:02 by Editor

Updated 12 May 2025 09:15:17 by Editor