# Install PHP on CentOS 8

You need to run yum in order to use PHP after setup your CentOS 8. Even though you have httpd, PHP may need to be installed manually. For compatibility with various applications like PHPMyAdmin, PHP-based server management, you will need to install additional libraries.

First of all, you need to check if you have httpd on your CentOS 8 server as following:

```
ls /usr/sbin/httpd
```

If it does not exist, you can install it simple as following:

```
sudo yum -y install httpd
```

If everything is okay, please run below commands to install PHP packages you need.

```
sudo yum -y update
sudo yum -y install epel-release yum-utils
sudo yum -y install http://rpms.remirepo.net/enterprise/remi-release-8.rpm
sudo yum -y update
sudo yum -y install php php-common php-devel php-bcmath php-gd php-pdo php-pear php-mysqlnd php-mbstring php-
xml tidy php-tidy php-soap php-pecl-apcu php-pecl-ssh2 mcrypt php-mcrypt php-pecl-memcache php-intl php-zip
redis ImageMagick-devel
sudo yum -y install curl policycoreutils openssh-server openssh-clients postfix
sudo yum -y update
```

You may need to enable some servers just in case

```
sudo systemctl enable postfix
sudo systemctl enable sshd
```

Once you install above, ssh connection will be blocked by firewall in some cases. If you want to stop firewalld, you should run:

```
sudo systemctl stop firewalld
sudo systemctl disable firewalld
```

Regarding PHP settings, please refer PHP configuration I commonly use