

# Install Apache, MariaDB, PHP73 on CentOS 7

Installation done on OVH VPS (last time augustus 2019)

## Add normal user to work under

```
useradd max  
passwd max  
vi /etc/sudoers  
max ALL=(ALL:ALL) ALL
```

## ssh, change port for security

```
vi /etc/ssh/sshd_config (change port 22 to 1122)  
service sshd restart  
semanage port -a -t ssh_port_t -p tcp 1122  
sudo firewall-cmd --list-all  
sudo firewall-cmd --permanent --zone=public --add-port=1122/tcp
```

## Install MariaDB

```
sudo yum -y install mariadb-server mariadb  
sudo systemctl start mariadb.service  
sudo systemctl enable mariadb.service  
mysql_secure_installation
```

## Install Apache

```
sudo yum -y install httpd  
sudo systemctl start httpd.service  
sudo systemctl enable httpd.service
```

## Configure Firewall

```
sudo firewall-cmd --permanent --zone=public --add-service=http
sudo firewall-cmd --permanent --zone=public --add-service=https
sudo firewall-cmd --reload
```

## Install PHP7.3

```
sudo rpm -Uvh http://rpms.remirepo.net/enterprise/remi-release-7.rpm
sudo yum -y install yum-utils
sudo yum update
sudo yum-config-manager --enable remi-php73
```

Optional, fix issue 'Loaded plugins: fastestmirror'; this message appears when installing PHP7.3 and installation is not executed.

```
sudo /etc/yum/pluginconf.d/fastestmirror.conf
and change enabled=1 -> enabled=0
sudo yum -y install php php-opcache
sudo systemctl restart httpd.service
```

## Add max (user) to groups

```
sudo usermod -a -G root max
sudo usermod -a -G apache max
```

## Install Python plus Libraries for maxtrack (runtracker)

```
sudo yum -y install python-pip
pip install flask
pip install stravalib
pip install TinyDB
```

xxx

xxx

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Revision #2

Created 17 August 2019 21:48:00 by Admin

Updated 17 August 2019 22:02:30 by Admin