Configuration Serveur

# Setup

**LAMP:**

**We just have follow the tuto on digitalocean:**

<https://www.digitalocean.com/community/tutorials/how-to-install-linux-apache-mariadb-php-lamp-stack-on-debian-10>.

(Your\_domaine = lunar\_dev)

For setup the website in Https : <https://certbot.eff.org/instructions?ws=apache&os=debianbuster>

Ip : 35.177.61.141

Domain name: lunar.dev.cld.education

# **Fail2ban:**

**We just have follow the tuto:**

<https://www.digitalocean.com/community/tutorials/how-to-protect-an-apache-server-with-fail2ban-on-ubuntu-14-04>

# **Change hours**

For setup the hours on Europe/Paris, **we have follow the tuto**:

<https://fr.linuxcapable.com/how-to-set-or-change-timezone-on-debian-11/>

# **More info for PHP**

Delete a version: sudo apt-get purge php<version>-common

Show list for installed version: apt list --installed | grep php

# Command

**Start the serveur :**

aws ec2 start-instances --instance-ids i-0b710768daac62bfe

**useful command:**

**To start the Apache server:** sudo systemctl start apache2

**To stop the Apache server:** sudo systemctl stop apache2

**To stop and then start Apache:** sudo systemctl restart apache2

**To reload apache server to update the new configurations:** sudo systemctl reload apache2

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Logs : tail -f /var/log/apache2/error.log

Backup: sudo cp .path .path.bak

Create a PHP test file :

* cd /var/www/lunar\_dev/PW-LunarDev/Script
* sudo touch /info.php
* nano /info.php
* <?php

phpinfo();

**More info :**

Path of the webSite file: /var/www/lunar\_dev

# GitHub

**authentication:**

Doc: https://stackoverflow.com/questions/18935539/authenticate-with-github-using-a-token

Generate a token : <https://docs.github.com/en/authentication/keeping-your-account-and-data-secure/creating-a-personal-access-token>

**GitHub command:**

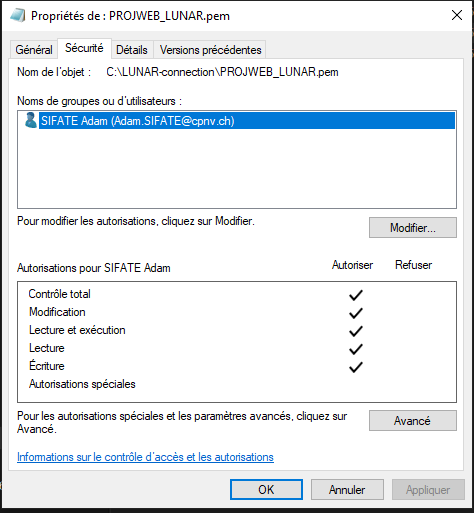
Clone example: [https://<MyToken>@github.com/NathanChauveau/PW-LunarDev.git](https://%3cMyToken%3e@github.com/NathanChauveau/PW-LunarDev.git)

# SSH

When you have the connection key you must:

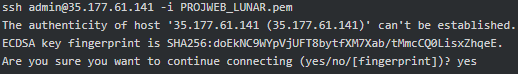
You need to be the only one who have right on the file

\PROJWEB\_LUNAR.pem



The command to use is:

ssh admin@35.177.61.141 -i <filePath>\PROJWEB\_LUNAR.pem



If you have a result like this, you need to answer « yes »

# Database

We are going to use MariaDB because we already have a tuto of the installation on the doc.

We have chosen HeidiSQL because we already knew this editor

**Setup MariaDB:**

Step 2 of : <https://www.digitalocean.com/community/tutorials/how-to-install-linux-apache-mariadb-php-lamp-stack-on-debian-10>

Password: Pa$$w0rd

Answer no to all other question

Database name: ProjWebLunar

User: admin

password: Pa$$w0rd

command to enter to access the database: mariadb -u admin –p

**Setup HeidiSQL**

To be connecter to a database, we need to create one first.