

User documentation

- 1) lamp-wp.py : Script deploying LAMP & Wordpress
- 2) letsencrypt.py : Script deploying Free R3 SSL Certificate

REQUIREMENTS

1) The Server is freshly installed with Debian 10 Buster (Should work with Debian 9 Stretch)

--> PLEASE DO A SNAPSHOT BEFORE EXECUTING THE SCRIPT <--

2) A private/public IP address has to be set

--> PLEASE CHECK THAT YOU HAVE AN INTERNET ACCESS <--

INFO : If you want to generate R3 SSL Certificate, the server must have a public IP.

3) Theses packages have to be installed :

apt install python git

TO EXECUTE A SCRIPT, DO :

python script.py

|1| lamp-wp.py - WHAT IT DOES ?

- 1) Set Timezone
- 2) Install apache2, mariadb-server, php7.3, php7.3-mysql, wget
- 3) Do mysql_secure_installation
- 4) Download & Uncompress latest Wordpress archive
- 5) Define "DocumentRoot /var/www/" in 000-default.conf && Delete 'html' directory in '/var/www'
- 6) Move Wordpress directory to /var/www/ & chmod 755 + chown www-data:www-data
- 7) Create virtualhost & Define ServerName & Define DocumentRoot
- 8) Edit /etc/hosts
- 9) Edit /etc/hostname

10) Activate Rewrite & Enable site & Restart apache2

11) Create Wordpress Database & User & Password & Restart mariadb

12) Connect Wordpress to Database

--> After rebooting, you can go to <http://your.domain/> to finish wordpress installation.

|2| letsencrypt.py - WHAT IT DOES ?

Check : <https://certbot.eff.org/lets-encrypt/debianbuster-apache>

ADMIN INTERACTIONS EXAMPLE

```
root@SRV-LAMP:~/P6# python lamp-wp.py
[1] Choose a name for the Wordpress Directory : runit
[2] Specify the domain name for the Wordpress website : runit.corp
[3] Choose a name for the Wordpress Database : runitdb
[4] Choose a name for the Database User : alain
[5] Choose a password for the Database User : admin
[6] Set your Timezone :

Current default time zone: 'Indian/Reunion'
Local time is now:      Mon Aug  9 20:41:38 +04 2021.
Universal Time is now:  Mon Aug  9 16:41:38 UTC 2021.

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| PLEASE CHECK YOUR INFORMATIONS BEFORE CONTINUE |
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Wordpress Directory (/var/www/'directory') : /var/www/runit
Domain Name (FQDN) : runit.corp
Wordpress Database : runitdb
Database User : alain
Database Password : admin
Timezone : Indian/Reunion
```

```
Set root password? [Y/n] Y
```

```
Remove anonymous users? [Y/n] Y
```

```
Disallow root login remotely? [Y/n] Y
```

```
Remove test database and access to it? [Y/n] Y
```

```
Reload privilege tables now? [Y/n] Y
```

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