Livrable Attendu
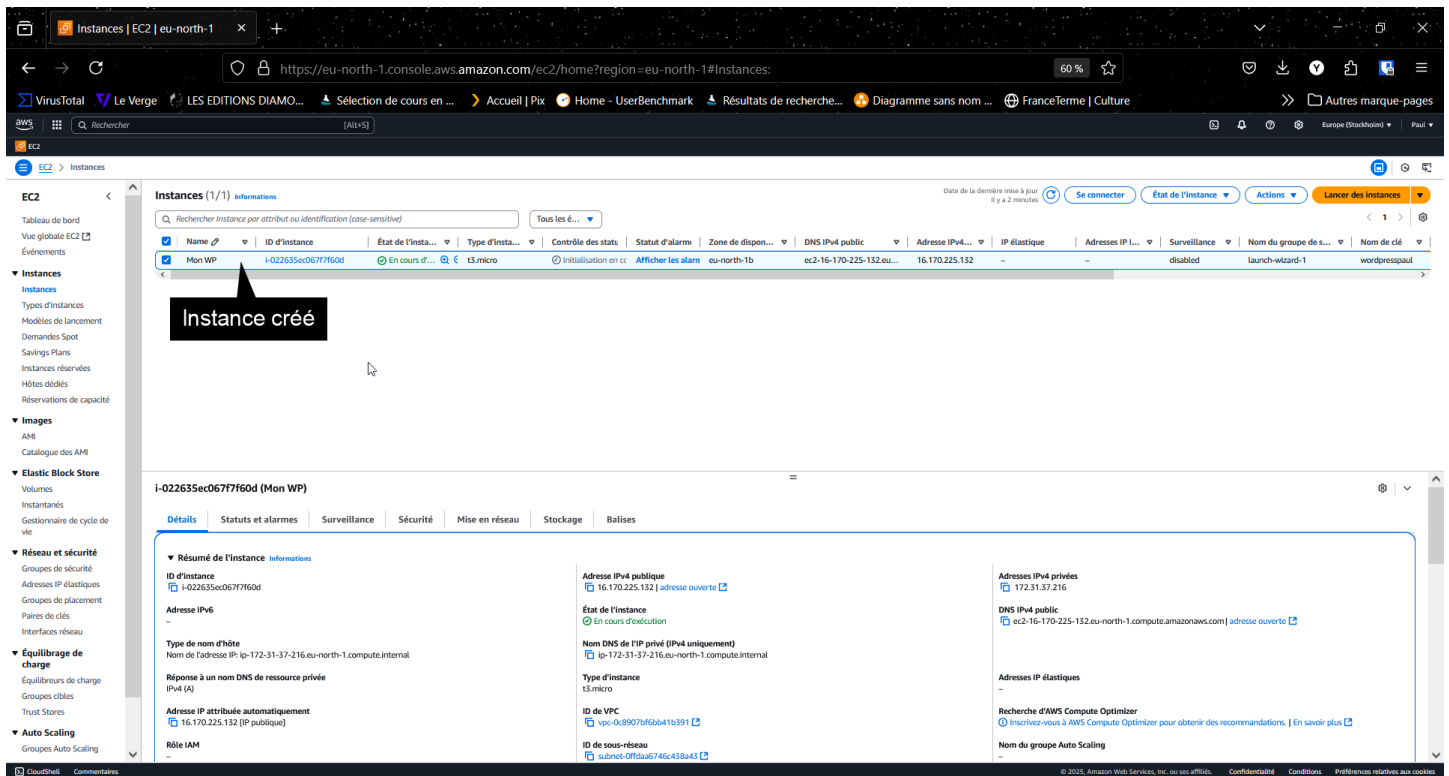
Table des matières

1. Création de l'instance sur AWS qui va me permettre d'accueillir WordPress

Instance créé

2. Installation Apache2 version 2.4.6

```
admin@ip-172-31-37-216:~$ sudo apache2ctl -v
Server version: Apache/2.4.62 (Debian)
Server built:   2024-10-04T15:21:08
admin@ip-172-31-37-216:~$
```

3. Installation php 8.2.28

```
Creating config file /etc/php/8.2/mods-available/zip.ini with new version
Setting up fontconfig-config (2.14.1-4) ...
Setting up php8.2-mbstring (8.2.28-1~deb12u1) ...

Creating config file /etc/php/8.2/mods-available/mbstring.ini with new version
Setting up libheif1:amd64 (1.15.1-1+deb12u1) ...
Setting up php-mbstring (2:8.2+93) ...
Setting up php8.2-xml (8.2.28-1~deb12u1) ...

Creating config file /etc/php/8.2/mods-available/dom.ini with new version

Creating config file /etc/php/8.2/mods-available/simplexml.ini with new version

Creating config file /etc/php/8.2/mods-available/xml.ini with new version

Creating config file /etc/php/8.2/mods-available/xmlreader.ini with new version

Creating config file /etc/php/8.2/mods-available/xmlwriter.ini with new version

Creating config file /etc/php/8.2/mods-available/xsl.ini with new version
Setting up php-zip (2:8.2+93) ...
Setting up php-xml (2:8.2+93) ...
Setting up php-pear (1:1.10.13+submodules+notgz+2022032202-2) ...
Processing triggers for libapache2-mod-php8.2 (8.2.28-1~deb12u1) ...
Processing triggers for sgml-base (1.31) ...
Setting up libfontconfig1:amd64 (2.14.1-4) ...
Processing triggers for libc-bin (2.36-9+deb12u10) ...
Processing triggers for man-db (2.11.2-2) ...
Setting up libgd3:amd64 (2.3.3-9) ...
Setting up php8.2-gd (8.2.28-1~deb12u1) ...

Creating config file /etc/php/8.2/mods-available/gd.ini with new version
Setting up php-gd (2:8.2+93) ...
Processing triggers for php8.2-cli (8.2.28-1~deb12u1) ...
Processing triggers for libc-bin (2.36-9+deb12u10) ...
Processing triggers for libapache2-mod-php8.2 (8.2.28-1~deb12u1) ...
admin@ip-172-31-37-216:~$ php -v
PHP 8.2.28 (cli) (built: Mar 13 2025 18:21:38) (NTS)
Copyright (c) The PHP Group
Zend Engine v4.2.28, Copyright (c) Zend Technologies
    with Zend OPcache v8.2.28, Copyright (c), by Zend Technologies
admin@ip-172-31-37-216:~$
```

4. Installation MariaDB Server V.15.1


```
... skipping.

By default, a MariaDB installation has an anonymous user, allowing anyone
to log into MariaDB without having to have a user account created for
them.  This is intended only for testing, and to make the installation
go a bit smoother.  You should remove them before moving into a
production environment.

Remove anonymous users? [Y/n] Y
 ... Success!

Normally, root should only be allowed to connect from 'localhost'.  This
ensures that someone cannot guess at the root password from the network.

Disallow root login remotely? [Y/n]
 ... Success!

By default, MariaDB comes with a database named 'test' that anyone can
access.  This is also intended only for testing, and should be removed
before moving into a production environment.

Remove test database and access to it? [Y/n]
 - Dropping test database...
 ... Success!
 - Removing privileges on test database...
 ... Success!

Reloading the privilege tables will ensure that all changes made so far
will take effect immediately.

Reload privilege tables now? [Y/n]
 ... Success!

Cleaning up...

All done!  If you've completed all of the above steps, your MariaDB
installation should now be secure.

Thanks for using MariaDB!
admin@ip-172-31-37-216:~$ mariadb -V
mariadb  Ver 15.1 Distrib 10.11.11-MariaDB, for debian-linux-gnu (x86 64) using  EditLine wrapper
admin@ip-172-31-37-216:~$
```

5. Création de la base donnée


```
admin@ip-172-31-47-133:/tmp$ mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 39
Server version: 10.11.11-MariaDB-0+deb12u1 Debian 12

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> create database wordpress_ais;
Query OK, 1 row affected (0.000 sec)

MariaDB [(none)]> CREATE USER amin_paul@localhost IDENTIFIED BY '       ;
Query OK, 0 rows affected (0.002 sec)

MariaDB [(none)]> GRANT ALL PRIVILEGES ON wordpress.* TO admin_paul@localhost IDENTIFIED BY ".        ;
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.000 sec)

MariaDB [(none)]>
MariaDB [(none)]> EXIT;
Bye
admin@ip-172-31-47-133:/tmp$
```

6. WordPress est installé sans certificat
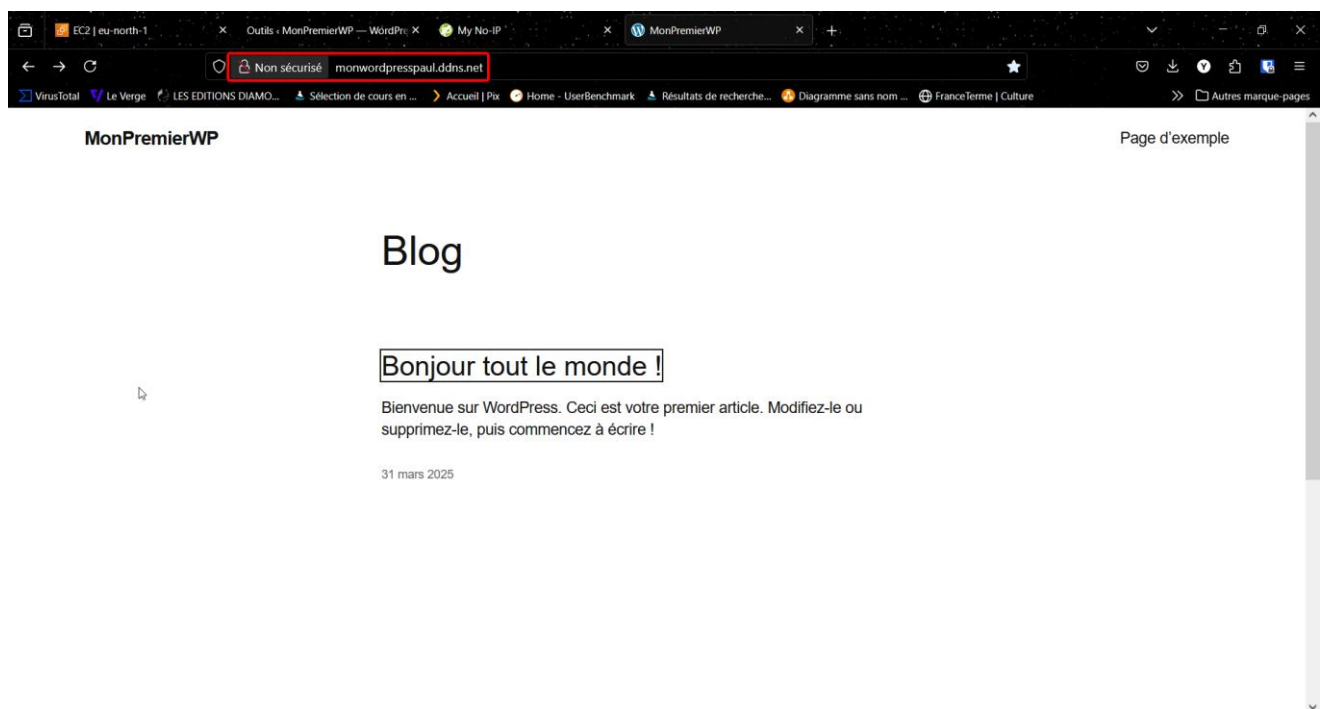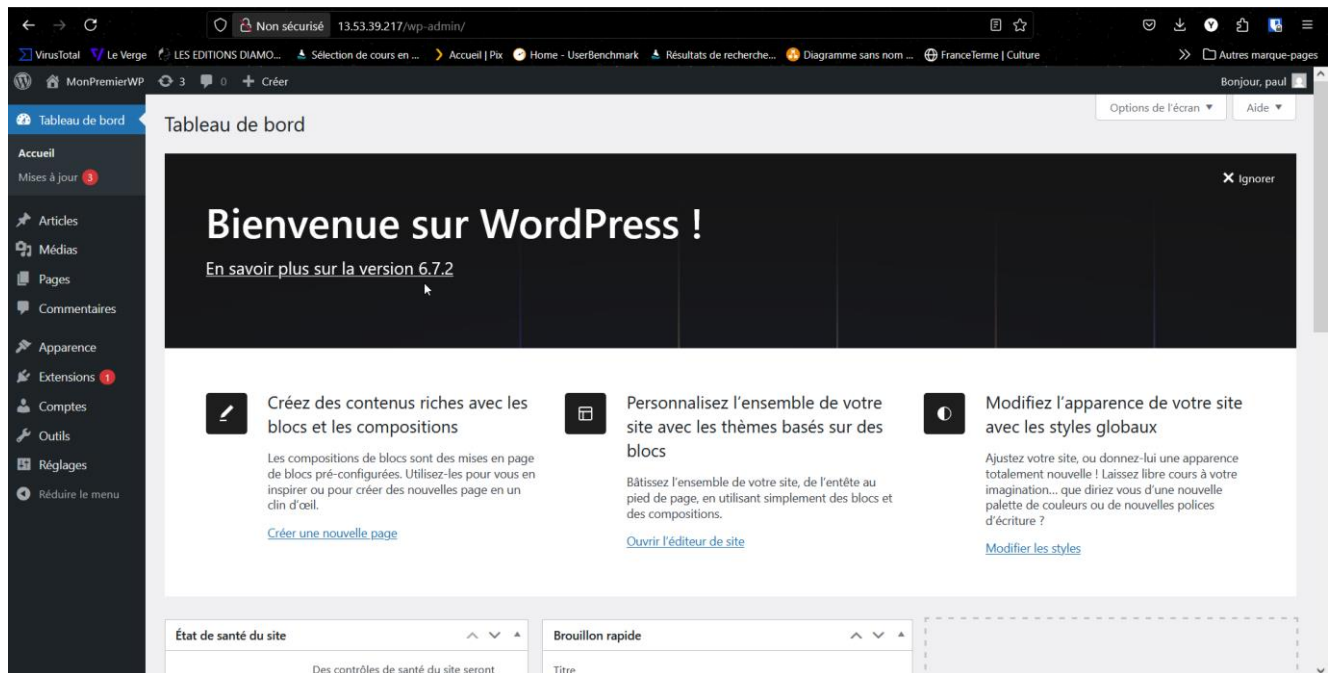
7. Déploiement du certificat avec le client Certbot


```
Processing triggers for man-db (2.11.2-2) ...
Processing triggers for libc-bin (2.36-9+deb12u10) ...
admin@ip-172-31-47-133:~$ sudo certbot --apache -d monwordpresspaul.ddns.net
Saving debug log to /var/log/letsencrypt/letsencrypt.log
Enter email address (used for urgent renewal and security notices)
 (Enter 'c' to cancel): vapaul@hotmail.fr
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
Please read the Terms of Service at
https://letsencrypt.org/documents/LE-SA-v1.5-February-24-2025.pdf. You must
agree in order to register with the ACME server. Do you agree?
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
(Y)es/(N)o: Y
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
Would you be willing, once your first certificate is successfully issued, to
share your email address with the Electronic Frontier Foundation, a founding
partner of the Let's Encrypt project and the non-profit organization that
develops Certbot? We'd like to send you email about our work encrypting the web,
EFF news, campaigns, and ways to support digital freedom.
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
(Y)es/(N)o: n
Account registered.
Requesting a certificate for monwordpresspaul.ddns.net

Successfully received certificate.
Certificate is saved at: /etc/letsencrypt/live/monwordpresspaul.ddns.net/fullchain.pem
Key is saved at:         /etc/letsencrypt/live/monwordpresspaul.ddns.net/privkey.pem
This certificate expires on 2025-06-29.
These files will be updated when the certificate renews.
Certbot has set up a scheduled task to automatically renew this certificate in the background.

Deploying certificate
Successfully deployed certificate for monwordpresspaul.ddns.net to /etc/apache2/sites-available/wordpress-le-ssl.conf
Congratulations! You have successfully enabled HTTPS on https://monwordpresspaul.ddns.net
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
If you like Certbot, please consider supporting our work by:
 * Donating to ISRG / Let's Encrypt:   https://letsencrypt.org/donate
 * Donating to EFF:                     https://eff.org/donate-le
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
admin@ip-172-31-47-133:~$
```
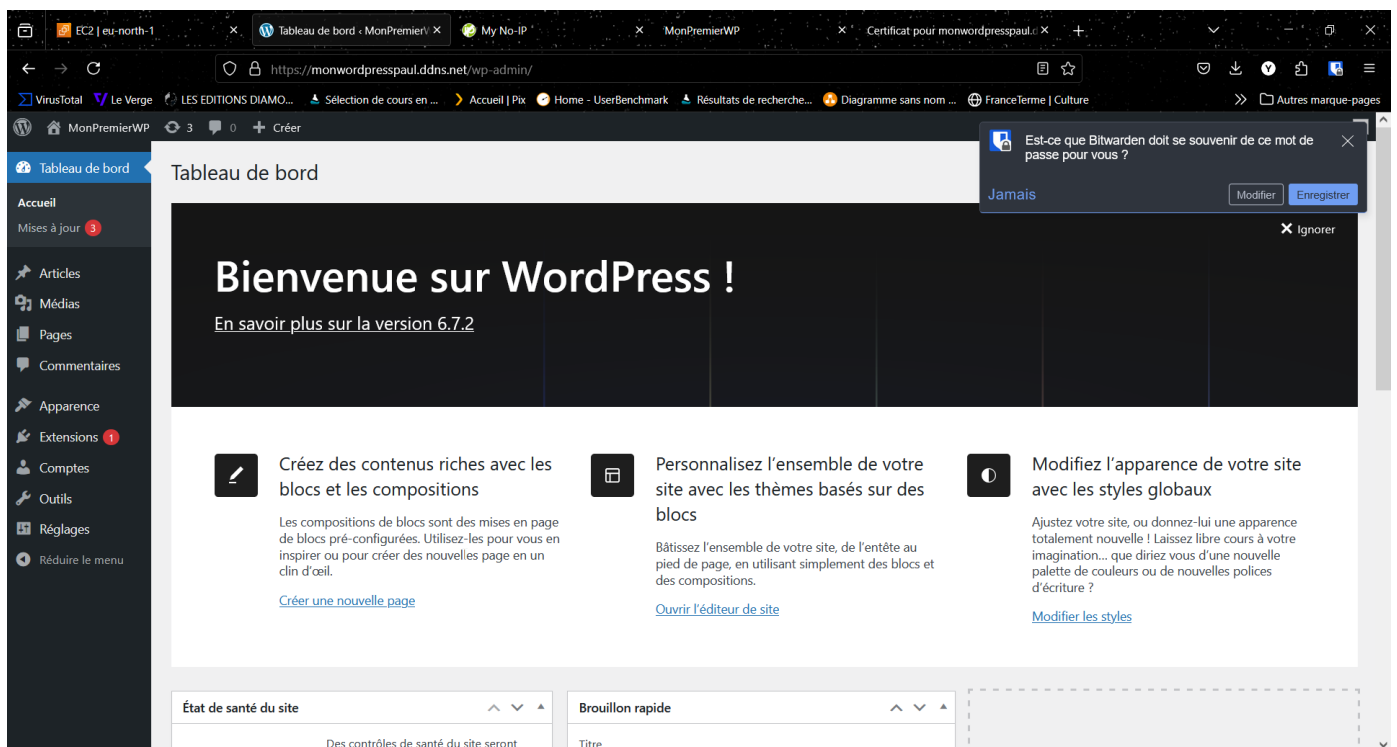
8. Certificat Let's Encrypt

9. Et voilà le Backoffice du CMS

10. Vous trouverez ci-dessous le lien pointant vers mon WordPress

https://monwordpresspaul.ddns.net