

# Brief\_8\_intro web-app wordpress

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Connect to web via SSH (Optional) we will have a port number we dont exit from terminal.

```
az webapp create-remote-connection -g driton_brief_8 -n dritonWebAPP
```

We need to open another terminal and to connect our ssh in local

```
ssh root@127.0.0.1 -p (portnumber)
```

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(1) We execute the script to create ressources or we create them manually: **app plan service, web app, database, azure storage and application insights (if needed)**

```
apt update
apt upgrade
wget https://wordpress.org/latest.tar.gz
Then extract the package using:
tar -xzf latest.tar.gz
```

```
apt get install mariadb-client
```

Install these pages on your web app, we should be connected to our web app via ssh and execute following commands. Move all the wordpress folder in this directory:

cd `cd home/site/wwwroot` and extract all the files in root directory.

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2)Configure your mariadb properties on azure portale and allow connections to azure services.

Connect to your mariadb server with this command and creat a database from mysql:

```
mysql -h (hostname-URL of MDB) -u (Username of MDB) -p (password MDB)
```

Dont create a copy of wp-config.php. *Once your wordpress is installed and you've created a database for wordress you can fulfill the wordpress formulaire and copy of wp-config.php will bre created automaticilly.*

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We can install pluggins in our wordpress like and configure them with our Azure account: Microsoft storage (for azure storage), APP insights (for monitoring), really sample SSL (for SSL certificate),

If our storage container is not appering on our site we can force to use our micorosoft storage and container by adding these commands:

```
/** Micorosft storage forcing containers and accounts. */
define( 'MICROSOFT_AZURE_ACCOUNT_NAME',      'nameofyourstorage' );
define( 'MICROSOFT_AZURE_CONTAINER',         'nameofyourcontainer' );
```

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*Optionnal not obligated if we install pluggin on WP*

For SSL certificate we can also modify our *wp-config* and add code below and we dont need to install SSL certi in wordpress.

```
define( 'WP_HOME', 'https://clementappbrief8.azurewebsites.net/%27);  
define( 'WP_SITEURL', 'https://clementappbrief8.azurewebsites.net/%27);  
define('FORCE_SSL_ADMIN', true);  
if ( isset($_SERVER['HTTP_X_ARR_SSL']) )  
    $_SERVER['HTTPS']='on';
```

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