

Initial Setup - Only once and before the first time you deploy

1. Login to https://my.wpengine.com/users/sign_in (for login to wpengine, please request **Paul Edler, Ron Wall (Unlicensed)** or **David Harris (Unlicensed)**)
2. Go to arc pages
3. Click to Git push on the left panel
4. Add yourself if you are don't have it setup
5. Read instructions on git push page to setup your local wpengine repository
6. The following configuration is required for your ssh client. If you already have a `~/.ssh/config` then append else create a `~/.ssh/config` and add the below lines.

```
Host git.wpengine.com
HostName git.wpengine.com
IdentityFile ~/.ssh/<file_name_where_private_key_is_stored>
User git
```

7. Clone this directory on local : <https://github.com/Postmedia-Digital/pages-postmedia-com>

Deployment

High level summary of the deployment process:

1. Clone/Pull master for Postmedia's github repo for pages.
2. Clone/Pull master for wpengine's git repo, making sure the correct environment is being used.
3. rsync between Postmedia's github and wpengine's git repo.
4. Make sure the changes appear to be correct.
5. Commit the changes, tag it with the release number and push.

Detailed Steps:

1. Clone Postmedia's github repository. If you are already cloned, then ensure you have the latest pull.

```
$ git clone https://github.com/Postmedia-Digital/pages-postmedia-com.git
```

2. Switch to the tag. This tag should be provided in the deployment ticket.

```
$ git checkout <tagname>
```

3. Clone or if you are already cloned, pull the remote git repository on wp-engine.

```
$ git clone git@git.wpengine.com/
```

4. Rsync the changes from Postmedia's github to git on wpengine.

```
$ cd <where_github_is_cloned>
$ rsync -av --exclude=".git*" --exclude="uploads" --exclude=".DS_Store" .
<where_wpengine_is_cloned>/
```

5. Check if the correct files are present in the new release. You can go to git hub release page for the project (<https://github.com/Postmedia-Digital/pages-postmedia-com/releases>) and, on the version that you want to deploy, you click on the compare dropdown and select the latest version that was deployed. (TIP: if you don't know the latest version that was deployed you can do a *git log* on the wpengine git folder and get from the commit list). Once you have the differences from the last deploy and the current you can get the status for the wpengine files that you want to put.

```
$ git status
```

From result of the command above add each modified or untracked file individually with the *git add* command and remove any removed file with the *git rm* command.

6. Commit the changes

```
git commit -m "<ticket number> - Deploying version <version>"
```

7. Create a tag using the same tag name as the one that you are deploying from the git hub repo

```
git tag -a <version>
```

8. Push the code with tags

```
git push origin master
git push --tags
```

Before commencing deployment, ping release-management slack channel of your intention to deploy

On wpengine

1. git checkout master
2. Make sure you are on master branch and your local branch doesn't have any locally modified files: git status
3. Make sure you are in the right environment : git config --get remote.origin.url
4. git pull

On pages-postmedia

1. Checkout the version tag to be deployed described in the ticket: git checkout <tag>
2. Make sure that your local branch doesn't have any locally modified files: git status
3. cp or rsync changed files to wpengine directory

On wpengine

1. git status
2. get the list of modified files and add as a comment to the deployment ticket
3. git add filename
4. remove any removed files from the repo, if any
5. git rm filename
6. git commit -m "<ticket number> - Deploying version <version>"
7. git tag -a <version>
8. git push origin master
9. git push --tags

Ping release-management channel that the deployment was successful

All done. Update the ticket